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The

CHEMIST AND DRUGGIST

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No. 2801
VOL. CXIX.

OCTOBER 14, 1933

Annual Subscription (with Diary) 20/- *Single Copies* 9d.

"Allenburys"
Orange Juice
(DOUBLE STRENGTH SWEETENED)

Supplies a potent source of the anti-scorbutic Vitamin C in a form convenient for infant feeding and other purposes.

It is equivalent to *double strength* fresh orange juice and retains its full activity for a long period.

Employed with advantage in all cases in which fresh orange juice is used.

May be taken by children and adults in the form of a delightful drink by diluting with about ten times its volume of plain or aerated water or milk.

Contains no alcohol or chemical preservative.

In bottles 2/- each

Allen & Hanburys Ltd. London. E.2.

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October 14, 1933

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"Cow's milk made safe and suitable for babies." Cow & Gate milk foods are prepared in full cream, half cream, separated and export varieties. Cow & Gate has become famous throughout the world as the most successful substitute when natural feeding fails. Protected retail prices (U.K.) 1/6, 2/9, 4/6 and 7/9 per tin.

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The humanised cream for babies requiring additional fat. A valuable vitamin cream with a Cod Liver Oil base. Can be used in conjunction with any Cow & Gate food to augment the fat content. A valuable addition where an increase of weight is desired. Protected retail prices 1/1 and 1/10 per jar.

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Indicated in cases where fat metabolism is at fault. This condition demands a low fat content with a correspondingly high percentage of sugar. Very valuable for the first three months of life. Protected retail price 2/6 per tin.

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Indicated for advanced cases of fat intolerance of the cœliac type, also for post-operative feeding in pyloric stenosis. Protected retail prices 1/10½ and 8/6 per tin.

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A most delicious, nutritious, digestible and economical tonic beverage. "The Growing Children's Drink." All the full cream milk is in it. Just make it with hot water. Protected retail prices 1/4½ and 2/6 per tin.

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A pancreatised and predigested milk and wheat food. Ideal for invalids and in all cases of gastric troubles, dyspepsia, etc. A splendid nightcap for all. Ideal also for introducing starch into baby's diet at seven to eight months. Prepared in a moment by the simple addition of hot water. Protected retail prices 2/3 and 3/9 per tin.

SPRULAC

Prepared under the ægis of the School of Tropical Medicine for sprue cases. Protected retail prices 3/3 and 15/9 per tin.

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Specially prepared goat's milk for cases where cow's milk is not tolerated. Protected retail prices 3/- and 5/6 per tin.

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A milk food for frail and premature babies, containing a low protein and high evenly absorbed carbohydrate content—replaces the use of sweetened condensed milk. Protected retail prices 1/9 and 3/3 per tin.

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"A Lactic Acid Milk Food." For all gastric intestinal disorders. Invaluable during and after pneumonia, measles, diarrhœa, and other infectious conditions. Prepared in three varieties, full cream, half cream and separated. Its ease of preparation is an outstanding advantage over the ordinary modification of raw milk according to Marriott's formula. Protected retail prices: Separated, 1/9 and 3/3; Half Cream, 2/- and 3/9; Full Cream, 2/3 and 4/- per tin.

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A food containing tasteless quinine in a palatable milk base in sufficient strength for prophylaxis of malaria in adults and cure in the case of infants. Protected retail prices 2/9 and 5/- per tin.

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A full cream Cow & Gate milk with ›n ammonium citrate for anæmic infants—as used in the recent investigations of nutritional anæmia (Medical Research Report No. 157, 1931). Protected retail prices 2/6 and 4/- per tin.

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"The rusk without the risk." Precisely the right texture to develop a child's teeth and jaws. Specially shaped to prevent risk of choking. Made of the finest wheat flour and Cow & Gate milk food. Protected retail price 1/6 per box.

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Safe, hygienic. The last word in scientific production. Protected retail prices: Cow & Gate Patent Glass Stoppered Feeder, ensuring automatic and exact regulation of the flow, 2/-, and No. 2 8-oz. Feeder 1/6, No. 3 4-oz. Feeder 1/6.

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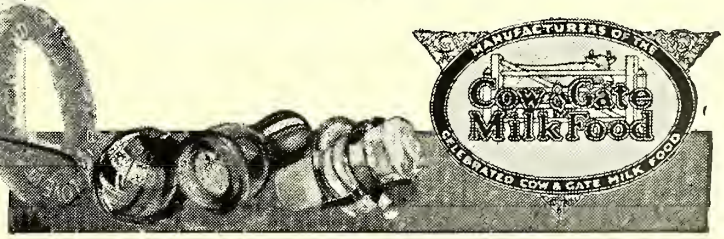
Graduated in ounces and tablespoons. Large enough for heating up a feed in the Cow & Gate Feeder. Protected retail price 2/6.

COW & GATE "GRIPON" TEATS

Eleven cuttings. Protected retail price 4d. each. Valves 3d. each. Cow & Gate Fine Rubber Teething Rings 6d. each. Silver-plated Feeding Spoon 1/6. Complete Baby's Outfit—Feeding Bottle, spoon, two teats, and two rings on card, 4/6 each.



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COW & GATE LTD., GUILDFORD, SURREY

A A

A MICKEY or MINNIE MOUSE MASK with a tube of LISTERINE TOOTH PASTE

Look who wants to work for you—

MICKEY MOUSE and MINNIE MOUSE

Help the kiddies to get acquainted with you—they will soon be your regular customers.

Every dealer knows his best potential customers are in homes where children and their needs make for greater sales. Recognising this the LAMBERT PHARMACAL COMPANY now make an irresistible appeal to bring this market to your store.

WE HAVE OBTAINED THE EXCLUSIVE RIGHTS TO

MICKEY and MINNIE MOUSE

in conjunction with the distribution of

LISTERINE PRODUCTS

They are both ready to work for you. CASH IN ON THEIR POPULARITY. LET THEM GO TO WORK FOR YOU. AND HERE'S HOW TO DO IT—

With a tube of LISTERINE TOOTH PASTE you can supply free a PARTY MASK of Mickey or Minnie Mouse. How the kiddies will go for them—one mask in the neighbourhood and the other tubes are sold! Accordingly we seek your co-operation.

MICKEY AND MINNIE MOUSE MASKS will be forwarded with purchases of Listerine Tooth Paste direct in case lots from:—

LAMBERT PHARMACAL COMPANY

38 STANDARD ROAD, PARK ROYAL, LONDON, N.W.10

OR FROM YOUR USUAL WHOLESALERS

Christmas Best Sellers this year—will be the

COTY

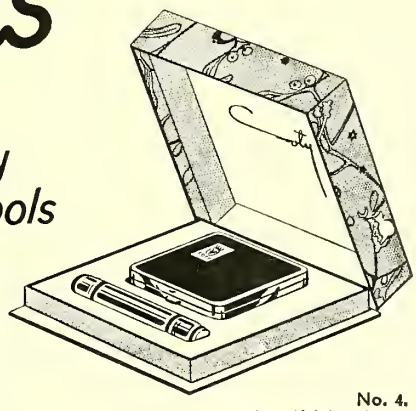
GOOD LUCK

Coffrets

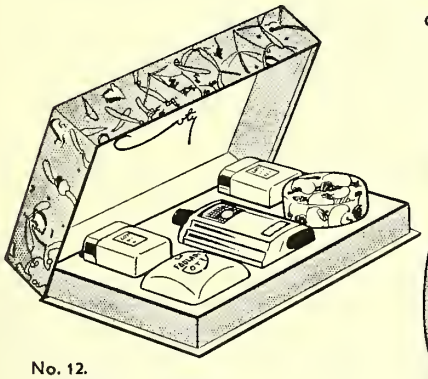
Every Coffret gay with 'Good Luck' symbols

No. 36.
"Good Luck" Coffret containing a bottle of Coty Eau de Cologne and a tablet of Coty Soap.
6/-

Never before have even the Coty designers created such fascinating Coffrets as those for Christmas 1933—gay with 'good luck' charms. Concentrated national advertising is going to tell the public well in advance about this splendid new Coty idea. It's up to you to get ready in advance—to meet the enormous demand that's bound to be created.



No. 4.
A beautiful Coty "Lacquer" Compacte and a Coty "de luxe" Lipstick.
6/6



No. 12.
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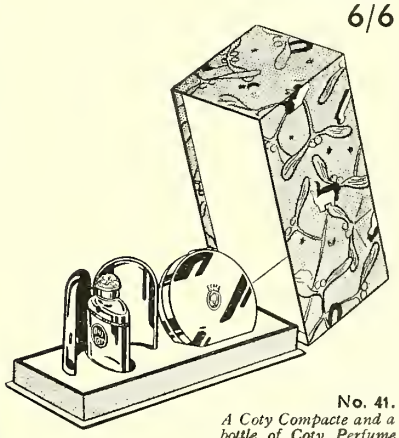

No. 41.
A Coty Compacte and a bottle of Coty Perfume in a charming "platinum tone" handbag presentation case.
10/6

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THE PERFECT VITAMIN MALT FOOD. A MOST PALATABLE PREPARATION, CONTAINING VITAMINS A. B. C. D. IN CORRECT PROPORTIONS.

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A FAVOURITE COMBINATION IN GREAT DEMAND

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Samples and Prices gladly sent by return of post.

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Our products more than conform to this standard and new season's supplies are now available.
An excellent range of new labels is at your disposal.
Before booking your next contract, we suggest that you ask us for samples and prices.
We offer superior quality Malt products at interesting prices.
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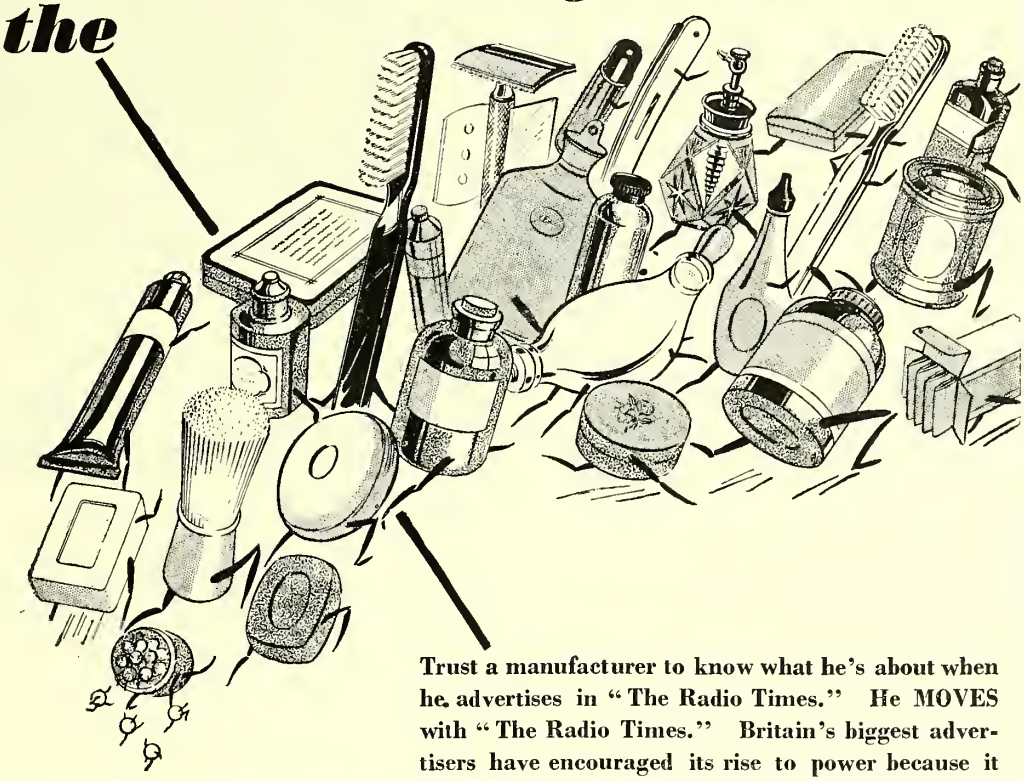
QUICK! the public is after us . . . we are being advertised in the



Trust a manufacturer to know what he's about when he advertises in "The Radio Times." He MOVES with "The Radio Times." Britain's biggest advertisers have encouraged its rise to power because it provides THE BIG TWO-MILLION circulation that STAYS IN CIRCULATION every day for a whole week. "The Radio Times" makes people sit up and take notice when they are sitting down and taking things easily. That's why it sells the goods.

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G.E.C.

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The "GECoRAY" system of Shop Window Lighting uses light to the best possible advantage.

The "GECoRAY" system gives brilliant flood-lighting of your displays at the cost of ordinary lighting.

The "GECoRAY" system of Shop Window Lighting can be arranged to provide beautiful and arresting colour-combinations.

"GECoRAY" Reflectors will suit windows of any shape or size.

OSRAM LAMPS are recommended for use with the "GECoRAY" system of Shop Window Lighting.

Guarantee

We hereby guarantee for a period of FIVE YEARS from date of purchase to replace free of charge any "GECoRAY" reflector that checks, peels or tarnishes if used with the lamp specified.

WRITE *for copy of Folder F6344, describing the "ALL-BRITISH GECoRAY" System of Shop Window Lighting—sent POST FREE on application.*

MADE IN ENGLAND

GECoRAY

SILVERED GLASS REFLECTORS

System of Shop Window Lighting

Manufacturers (Wholesale only):
THE GENERAL ELECTRIC COMPANY LIMITED
Head Office and Public Showrooms: MAGNET HOUSE, KINGSWAY, LONDON, W.C.2
Branches throughout Great Britain and in all principal markets of the world.

October is Moorland Month

have You Entered the MOORLAND Window Display Contest?

IN a market of millions, untold hundreds of thousands may know of a certain product and buy it consistently. Obviously, however, there is still a large percentage which does not buy that particular product regularly. Assuming the product to be good and rightly-priced, there is no reason why they, too, cannot be persuaded to buy. Hence, we believe that unremitting sales efforts must be maintained in an endeavour to sell a particular product to the largest possible number and to the greatest benefit of the Trade. For this reason, Moorland advertising is always being strengthened and is directed towards those potential buyers who have not, as yet, bought. Hence, too, the Moorland October Bonus Offer, the splendid display material and dealer aids of every description to induce further sales.

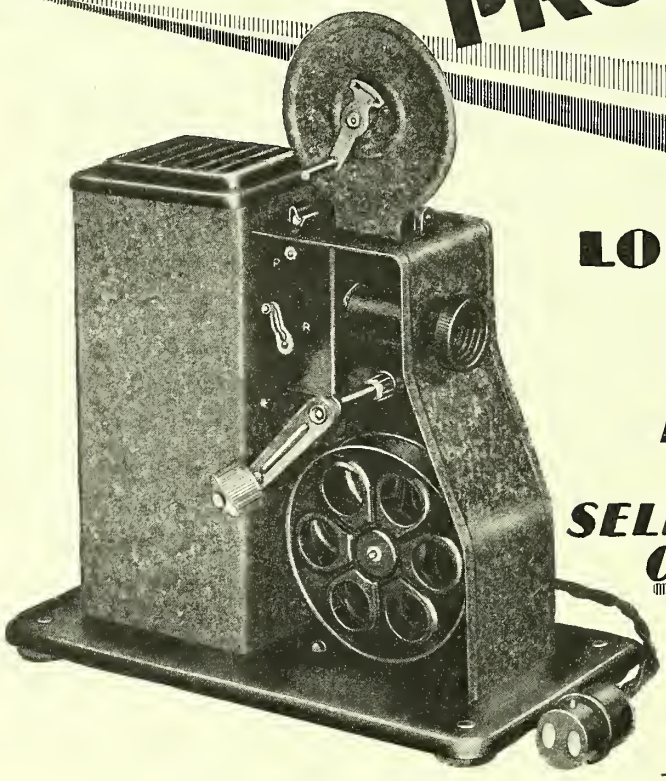
If you have not entered the Moorland Window Dressing Competition with £100 cash prizes do so to-day. It pays to display Moorlands. Full details of Bonus Offer and Moorland Window Display Contest will be sent you on request.

don't delay-Enter TO-DAY

W. B. CARTWRIGHT LTD. - - RAWDON, Nr. LEEDS

THE PUBLIC WILL HAVE MOORLANDS

AUTUMN TIME IS PROJECTOR TIME



LONG WINTER EVENINGS BRING YOU *BIG* PROFITS

SELL CORONET PROJECTORS

This CORONET PROJECTOR fulfils the amateur's need for an inexpensive and economically running Projector for home use. All metal construction. Suitable all voltages 100/150 v.; 200/250 v. A.C. or D.C. Simply plug into ordinary lamp holder.

Also supplied for running on 6 volt Accumulator. *Price each* **45/-**

CORONET CINÉ SCREEN

The Ideal SCREEN for the amateur. Rolled or unrolled in a jiffy. Coated with special Aluminium Dope, and sprayed with black border. Black enamelled wooden rollers. Size of picture 30 in. × 20 in. *Price* **7/6**

Sole Distributors to the Chemist Trade:

THOS. CHRISTY & CO.,
4/12 OLD SWAN LANE, LONDON, E.C.4
MANsion House 9931

Over and Over Again

Very few lines are more profitable to the Chemist than Surgical Appliances, Belts and Elastic Hosiery.

They are articles which your customers are constantly renewing, and this repeat business is assured by the supply of reliable goods and giving satisfactory service.

Let Maws help you to secure and hold this business.

Maws are specialists in the supply of Surgical Appliances, Belts and Elastic Hosiery, and the benefit of their long experience is at your command.

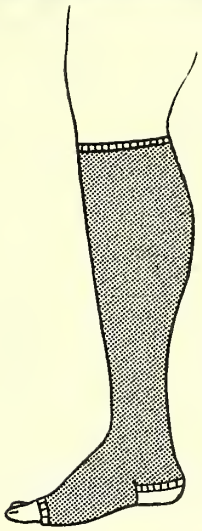
Stocks

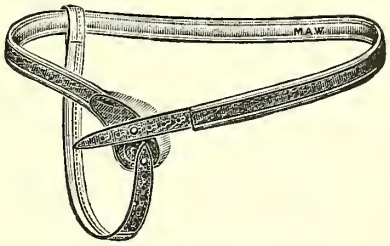
Large stocks in all normal sizes are maintained regularly and orders are dispatched per return.

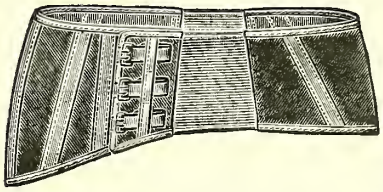
Fitting

Well equipped Fitting Rooms are available at Aldersgate Street and skilled fitters are in attendance.

You are safe in sending your customers and your Orders to Maws.







S. Maw, Son & Sons, Ltd.

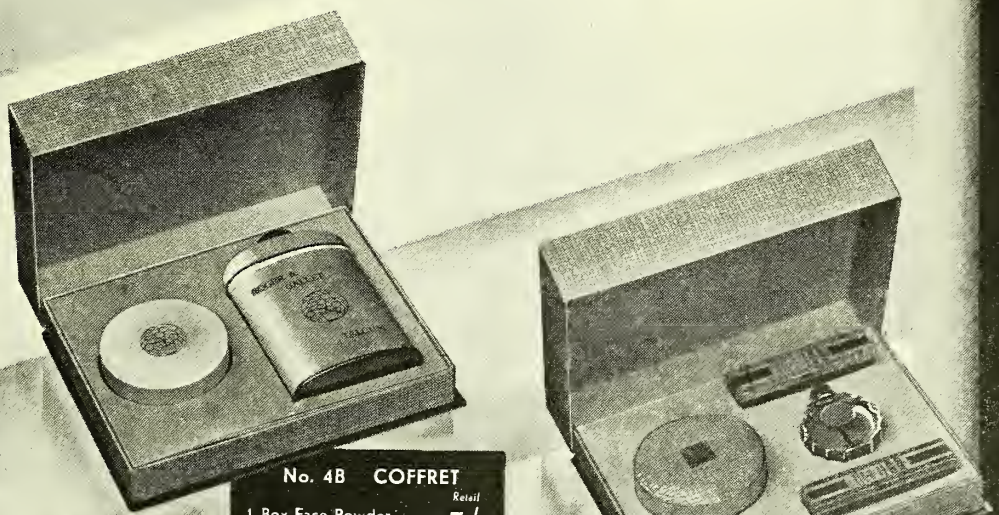
7-12 Aldersgate Street :: London, E.C.1

Roger & Gallet's
No. 7. GENTS' COFFRET
1 Large Tube Shaving Cream
1 Tube Tenax Hair Fixer
1 Talc.
Perfumes: Violette de Parme, Carnation
Retail 5/9
No. 5. COFFRET COLOGNE
1 Box Face Powder
1 Perfume
1 Talc
Retail 9/9
No. 8. GENTS' COFFRET
1 Shaving Milk
1 Talc
1 Solid Brilliantine
Perfumes: Violette de Parma, Carnation
Retail 6/9
No. 1B. COFFRET
1 Box Face Powder
1 Handbag Perfume
Perfumes: Le Jade, Pavots d'Argent, Feu Follet
Retail 6/6
No. 6. GENTS' COFFRET
1 Large Tube Shaving Cream
1 Solid Brilliantine in Glass Jar
1 Talc.
Perfumes: Violette de Parme, Carnation
Retail 6/-
No. 3B. COFFRET
1 Box Face Powder
1 Tube Day Cream
1 Tube Night Cream
Perfumes: Le Jade, Pavots d'Argent, Feu Follet, Cologne
Retail 4/6

Quality Coffrets

Make a Perfect Gift

Your professional reputation is built on personal integrity and your discrimination for quality. By selling Roger & Gallet you are selling quality, adding to your prestige and building up a clientele that will always be satisfied



No. 4B COFFRET
Retail 5/-
1 Box Face Powder
1 Tin Talc
Perfumes: Le Jade, Pavots d'Argent, Feu Follet, Cologne

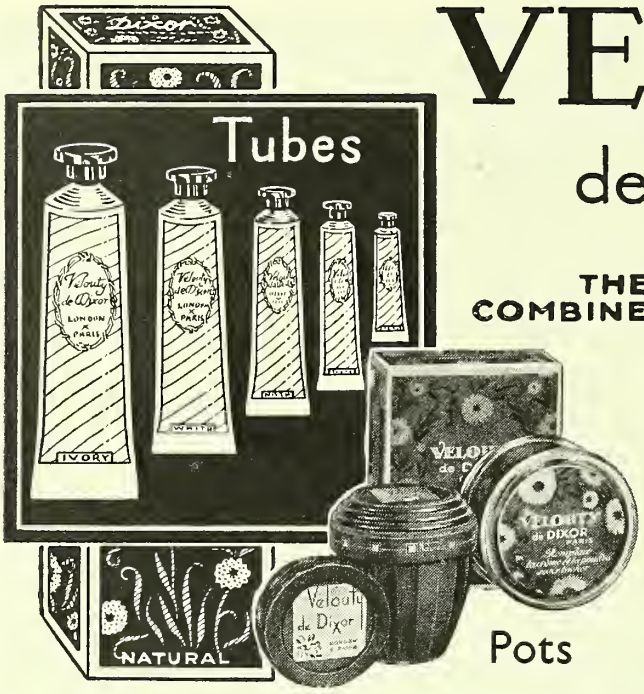
No. 2F. COFFRET
Retail 6/-
1 Box Face Powder
1 Handbag Perfume
1 Tube Day Cream
1 Tube Night Cream
Perfumes: Violette de Parme, Carnation, Sweet Pea

No. 1F. COFFRET
Retail 4/6
1 Box Face Powder
1 Handbag Perfume
Perfumes: Violette de Parme, Carnation, Sweet Pea

No. 2B. COFFRET
Retail 8/-
1 Box Face Powder
1 Handbag Perfume
1 Tube Day Cream
1 Tube Night Cream
Perfumes: Le Jade, Pavots d'Argent, Feu Follet

Roger & Gallet guarantee that all their Perfumes, Eaux de Cologne, Toilet Waters, Hair Lotions, are prepared with the best, purest, potable, dutiable S.V.R. spirit obtainable, and not with methylated nor any other industrial spirits known as "DUTY FREE"

ROGER & GALLET (LONDON) LTD.
1 LECHMERE ROAD, LONDON, N.W.2
LONDON and PARIS



VELOUTY de DIXOR

LONDON & PARIS

THE ORIGINAL COMBINED CREAM AND POWDER

P.A.T.A. Prices:

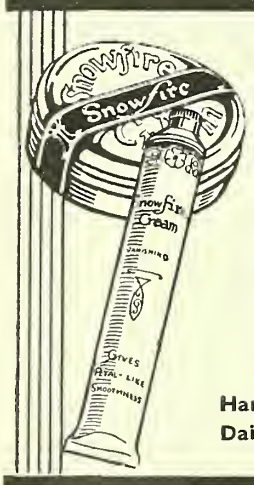
	Retail	Wholesale per doz.
Tubes, No. 1	4½d.	3/–
No. 2	6d.	4/–
No. 3	1/–	7/–
No. 4	2/–	14/–
No. 5	3/–	22/–
Pots, Glass	2/9	21/–
De Luxe (unbreakable)	4/6	36/–
The New Unbreakable Handbag Pot ...	**1/3**	**10/–**

All packed in five shades:— White, Ivory, Natural, Ochre, Soleil Doré (Sungold)

Please send a postcard for show material, stating if counter-card and leaflets for new 1/3 pot are to be included.

DIXOR LTD., DANEMERE STREET, LONDON, S.W. 15.

★ The 'STAR' of popular priced face creams



Snowfire Cream—always in demand from regular customers, always making new friends—a most profitable line to handle. Stock it—show it—recommend it—quick sales and a large, rapid turnover will reward you.

Handbag Containers - 3d.
Dainty Tubes - 6d. Retail

SNOWFIRE *Vanishing* CREAM

Manufactured by
F. W. HAMPSHIRE & CO. LTD., Sunnydale Works, Derby.

The Public are Calling *for*

PETAL DUST

"Wherein the subtle savour of the Flowers sublimely dwells."

THE GREAT FLORAL AIR PURIFIER

A Trial will convince you that——

PETAL DUST, when once shown, creates its own demand, and is therefore a valuable adjunct to every "go-ahead" store.

PETAL DUST, when displayed prominently upon your counter, will attract prudent customers by the fragrance of its unique odour, which to-day is of such universal admiration.

Retails in packets at 4d. and 8d. each.

Attractive Advertising matter free on request.

Obtainable through all the usual Wholesale Houses or from Sole Producers :—

The Rosmarine Manufacturing Co.
LONDON, S.E.1.

"Growing demand phenomenal," says—

L. Parker
M.P.S

Only the man whose business brings him into daily contact with the public, can really judge the selling merits of a product; so we believe this quite unsolicited letter from a fellow pharmacist will interest "Chemist & Druggist" readers. We reprint it without comment since it speaks for itself.

"The way the demand for your goods is growing is almost phenomenal—as the growth of my account with you bears witness. It is, however, a pleasure to sell your Mayfair preparations, for they always give satisfaction, and the pharmacist gets a very fair deal in the way of remuneration. Any sale of Mayfair preparations brings a repeat."

PRICES per dozen

Bay Rum, Honey, and Flowers, Hair Oils, Brilliantines, Toilet Paraffins, Eau de Quinine.
2 oz. 3/6 4 oz. 6/6
8 oz. 12/- 16 oz. 17/6

Hair Cream
4 oz. 6/6 8 oz. 10/-
16 oz. 16/6

Hair Tonic
4 oz. 6/6

Hair Darkening Bay Rum
4 oz. 12/-

Bonus of ½ dozen on 3 dozen lots.
On Hair Darkening Bay Rum only.

Mayfair

HAIR PREPARATIONS

SEND FOR THIS GOLDEN DISPLAY.
This attractive showstand in gold, black and green, focusses attention on "Mayfair" 4 oz. and 2 oz. packs.

Telephone: Ealing 6616.

MACLEANS LIMITED • GREAT WEST ROAD • BRENTFORD • MIDDX.

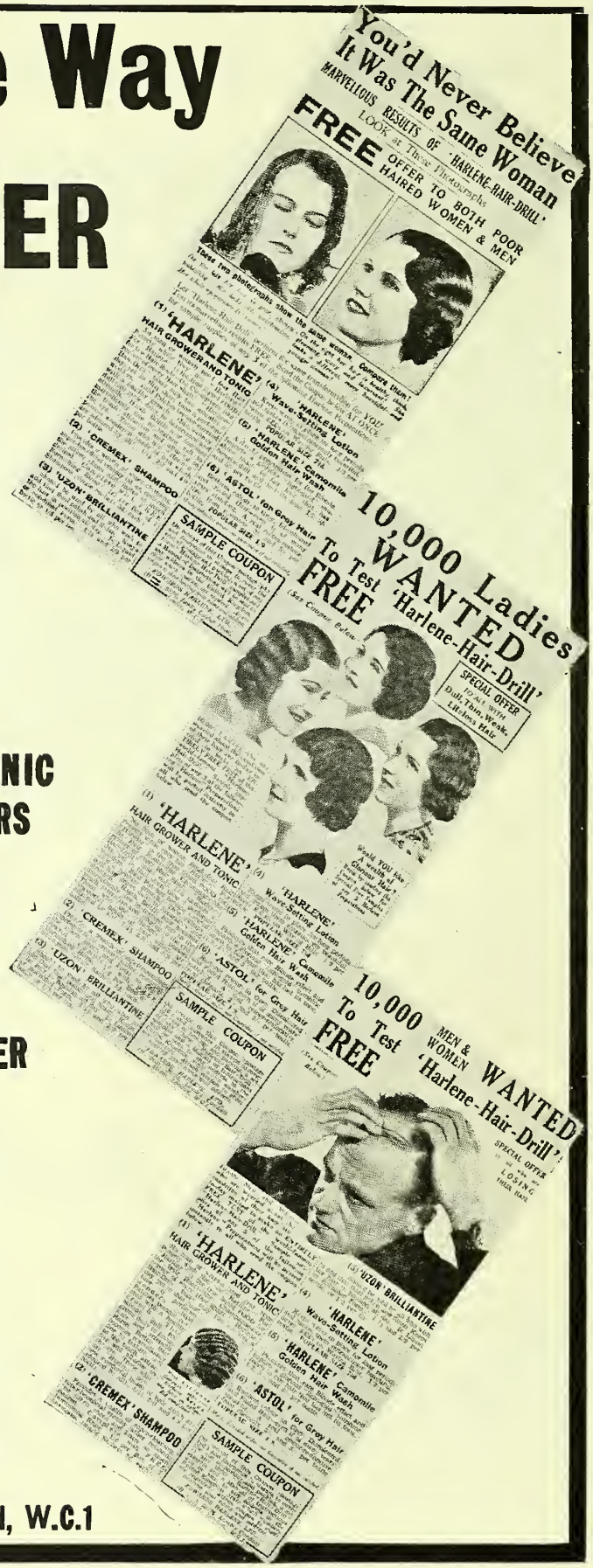
Paving the Way TO EVEN BIGGER SALES

Week in, week out; month in, month out; year in, year out; bold compelling "Harlene" Advertisements appear in millions of copies of the most powerful sales promoting newspapers in the land. They KEEP ON reminding the public, time after time, of the merits of "Harlene" Hair Toilet Preparations. Among the most popular in the "Harlene" Range are:

"HARLENE" HAIR GROWER & TONIC
"CREMEX" SHAMPOO POWDERS
"UZON" BRILLIANTINE
"HARLENE" WAVE-SETTING LOTION
"HARLENE" Camomile Golden Hair Wash
"ASTOL" HAIR COLOUR RESTORER

Keep adequate stocks on hand to meet the demand in your district and display them prominently. This extra push on your part will be appreciated by us and combined with our forceful publicity campaign will bring more sales to you. Kindly address all communications to:

Edwards HARLENE LIMITED
20-26 Lamb's Conduit St., LONDON, W.C.1



POST WIRE or PHONE YOUR ORDERS TO

B&C

BUTLER & CRISPE
Estd. 1777

A Service of unequalled value for the promptest delivery of all orders to any distance by the quickest route. Town deliveries by motor, provincial also by motor over a wide area. Rail orders despatched same day as received. British, French and American medicines, toilet goods and perfumery. Fine chemicals. Druggists' sundries. Photographic goods.

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J. H. CRISPE. L. H. CRISPE R. P. GOWER

Cables and Marconigrams: "ALLUWANT LONDON."
Telephone: CLERKENWELL 2661 (Private Branch Exchange).
Telegraphic Address: "ALLUWANT, SMITH, LONDON."

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English and Foreign Proprietary Medicines, Perfumery, Toilet Goods, Druggists' Sundries.

80-84 CLERKENWELL ROAD, LONDON, E.C.1

TAKE ADVANTAGE OF THIS

This season the public will be demanding BEECHAMS BRAND LUNG SYRUP! A NEW product bearing a name which means SUCCESS—a name known and respected by MILLIONS—a name of incalculable goodwill which must ensure IMMEDIATE and ENORMOUS DEMAND FROM THE START.

Everyone knows Beecham's Pills. The success of Beecham's Powders is beyond dispute.

NOW BEECHAMS BRAND

The success of Beechams Lung Syrup rests upon the same solid foundation. Its efficacy in banishing COUGHS, COLDS, BRONCHITIS and other RESPIRATORY TROUBLES is really outstanding.

We are embarking AT ONCE on a Bold, Forceful, Compelling advertising scheme, covering the foremost papers in the land. The public response will BE IMMEDIATE. Provide yourself with adequate stock. Take advantage of the special bonus arrangements printed on the right. ORDER NOW.

BEECHAMS PILLS LIMITED

SPECIAL TRADE BONUS

UNIQUE OPPORTUNITY OF PURCHASING ALL BEECHAM PRODUCTS ON EXTRA BONUS DISCOUNT TERMS

LUNG SYRUP

To introduce Beechams Lung Syrup, for the next 21 days we are offering the following Special Extra Discounts on all Beecham Products:—

5% Bonus Discount on Beecham's Pills
5% Bonus Discount on Beecham's Powders
5% Bonus Discount on Beechams Lung Syrup

Minimum assorted order 50/- which must include one dozen Beechams Lung Syrup. Larger parcels pro rata. Your average profits will then be over 35% on your turnover, and more than 50% on your outlay.
These Bonus Parcels can be obtained either direct or through your wholesaler. All goods carriage paid. All Beecham products are protected under P.A.T.A. Regulations. Closing date for Bonus Offer, November 6th. ORDER NOW.

ST. HELENS, LANCASHIRE

All for HAH *Beauty*

A POWERFUL SALESMAN

BEHIND every jar, every bottle, carrying the name HARRIET HUBBARD AYER, LTD., stands a salesman more convincing than the most forceful written or spoken word . . . a salesman, years in the building and maintaining, but of more strength in these days of value-buying than ever before.

This salesman is Consumer Confidence.

It is this Confidence, based on the quality, effectiveness, economy of these famous preparations, that permits them to forge ahead despite competition and troublous times.

It is this Confidence, instilled in the minds of new users, recalled to the minds of old users, *through advertising founded on fact, not fiction*, that is sending women into your store to buy.

It is this Confidence, working for you through the HARRIET HUBBARD AYER Preparations, that means sure sales today and resales tomorrow. Profit by it!

HARRIET HUBBARD AYER
LIMITED
BEAUTY PREPARATIONS
130 Regent Street, London, W.1

New York Paris Montreal

Ogee

COAT SPECIALISTS

DENTISTS' COATS

No. 906. GOOD QUALITY, WHITE DRILL GENTLEMEN'S COAT, buttoning on shoulder and down side, one side pocket and breast pocket, button cuffs, stitched half-belt at back (as illustration) Each **10/9**

No. 907. As above, but SUPERIOR QUALITY DRILL Each **14/-**

STOCK SIZES

Chest	32	Length	43½	Collar	15
,,	34	,,	44	,,	15
,,	36	,,	44½	,,	15½
,,	38	,,	45	,,	16
,,	40	,,	45½	,,	16
,,	42	,,	46	,,	16½
,,	44	,,	46½	,,	16½

LADIES' WHITE DRILL. THE EVER POPULAR CROSS-OVER MODEL

SPECIAL SERIES

No. O.1. Ladies' Strong White Drill, with reversible front, belt to button at back, bone buttons, with elbow-length sleeves **6/3**

No. O.2. Ditto, with full-length sleeves ... **6/3**

No. O.3. Ditto, with elbow-length sleeves and tie belt, as illustrated ... **6/3**

No. O.4. Ditto, with full-length sleeves ... **6/3**

SUPERIOR QUALITY

No. 999. Superior fine White Drill, with reversible front, belt to button at back, bone buttons, with elbow-length sleeves Each **9/-**

No. 999L.S. Ditto, with full-length sleeves (as illustration) ... Each **9/9**

BEST QUALITY

No. 456. A smart Ladies' Coat, made of plain White soap-shrunk Drill, elbow-length sleeves, with two mother-o'-pearl buttons in front, with 2-in. belt passing through slot and fixing at back with two mother-o'-pearl buttons. Each **11/6**

JACKETS

No. 483. Superior quality white drill Jackets with three pockets (as illustration) Each **5/9**

No. 484. Fine quality black Alpaca Jackets with three pockets Each **10/6**

No. 485. Fine quality grey Alpaca Jackets with three pockets Each **10/6**

No. 486. Superior quality silver grey Alpaca Each **15/-**

No. 487. Superior quality black Alpaca Each **15/-**

No. 488. Superior quality black Russell Cord. Each **15/-**

No. 489. Superior quality grey Russell Cord Each **15/-**

Stock Sizes for all Coats and Jackets: 32, 34, 36, 38, 40, 42 and 44-in. Chest Measurements

We do not charge any extra for making special sizes

No. 456L.S. With full-length sleeves and button cuffs (as illustration) Each **12/3**

These Coats can also be supplied with belts to tie.

LADIES

No. 903S.S. New Model **Ladies' White Drill Double-breasted Coat** with inverted pleat and stitched half-belt at back, short sleeves, well-tailored and finished throughout (as illustration) Each **8/-**

No. 903L.S. As above, but with long sleeves Each **8/-**

No. 904S.S. As illustration, but of superior quality Drill Each **12/-**

No. 904L.S. With long sleeves Each **12/-**

STOCK SIZES FOR ALL LADIES' COATS

Bust: 32, 34, 36, 38, 40, 42 and 44 ins.

Length: 42, 43, 44, 45, 46, 47 and 48 ins.

Special Sizes to Order at Same Prices.

GENTLEMEN'S

No. 10. Good quality White Drill ¾-length Coats with three pockets and sewn-on half-belt at back Each **6/9**

No. 123P. Super quality White Drill ¾-length Coats, three pockets and loose half-belt at back Each **7/6**

No. 55xx. Best quality White Drill, three pockets and loose half-belt (as illustration). All-white Each **10/6**

No. 22xx. Ditto, plain white, with sewn-on half-belt Each **10/6**

KHAKI COATS

No. 96. GOOD QUALITY KHAKI DRILL, three pockets and SIDE OPENINGS TO PUT HAND THROUGH Each **8/-**

No. 126. Superior quality Each **10/6**

OSBORNE, GARRETT & CO. LTD.

LONDON: 51, 52, 53 & 54, Frith Street; 8, 9 & 11, Bateman Street; 34 & 35, Dean Street, Soho, W.
BIRMINGHAM: 10 & 11, Temple Street. GLASGOW: 14, Bothwell Street. MANCHESTER: Regent House, 28, Cannon Street

"Eclipse" SUPER RAZOR BLADES

SEVEN DAY WALLET

IDEAL FOR HOME OR TRAVEL

Wallet complete retails at 2/6 each

This handy blade pack, 7 blades in leather case —invaluable for home and travel—brings new sales because of its outstanding utility. Mounted on attractive display cards, each holding six wallets.

COMPANION LINE TO THE

Eclipse RED RING RAZOR

MODEL BB with five blades 7/6

MODEL W with one blade 5/-

NO OTHER RAZOR LIKE THIS!

1. Takes any type double edged wafer blade.
2. Automatically centres every blade — both edges shave alike.
3. Provides adjustment to regulate the shaving edges for light or stiff beards.
4. Has a magnet in the handle to pick up razor blades.

One Good Line deserves another!

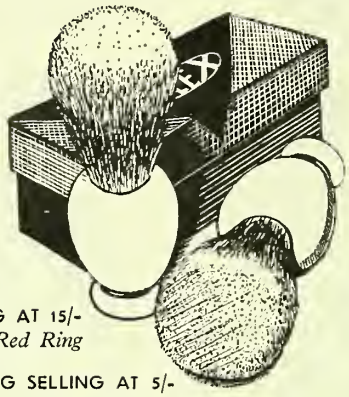
Obtainable from all Wholesalers or from the Sole Manufacturers:

JAMES NEILL & CO. (Sheffield) LTD., Composite Steel Works, SHEFFIELD, 11

588

Now in the Halex Range

—HALEX SHAVING BRUSHES —GOOD!



PURE BADGER SELLING AT 15/- *Red Ring*

PURE STAINED HOG SELLING AT 5/- *Blue Ring*

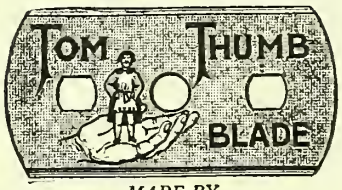
All, and more than all, that a shaving brush should be—knot bound, pure badger or pure hog bristles that don't come out, handy handles free from crevices, attractive boxes, attractive profits, and the public welcomes and trusts a brush named "Halex." Order please!

BRITISH XYLONITE CO LTD HALE END LONDON E 4

HANG IT UP AND LET IT SELL ITSELF

Supplied on cards or boxed. Show cards with every order.

1D. Each Retail



British Made

MADE BY GEORGE IBBERSON & CO. Razor Works, 146 West St., Sheffield

STOCK THE NEW IMPROVED

"OCEAN SUPER" BLADES THE FINEST BRITISH-MADE BLADE

Truly a Super Blade—vastly improved and a revelation at the price. Only finest quality steel used, giving lasting keen edge. Standard 3-hole Type.

OCEAN "SINGLE-EDGE" Suitable for Single-Edged Razor Holders. Finest Charcoal Steel. Packed in fives. 60 in box.

OCEAN "AUTO" Specially made for Autostrop type of holders. A long-life blade which makes life-long friends. Packed in fives. 120 in box.

"CONQUEROR" Far and away the finest penny blade. 3-hole type. 5/6 gross. Leading wholesalers carry stocks. Display Matter Free. For direct supplies send cheque or P.O. to OCEAN RAZOR BLADES (Gt. Britain) Ltd., Sales Dept., 1-6 Bridgewater Place, E.C.1. (Clerk. 6257.)

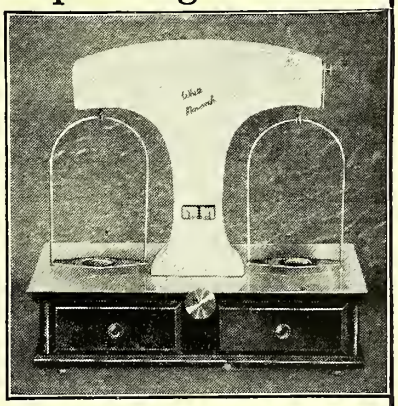
Blades also made under customer's own name—state quantity. (8

PUT 1933 EQUIPMENT IN YOUR DISPENSARY WITH

The "White Monarch" Enclosed Model Dispensing Balance

ASK YOUR SUNDRIES HOUSE TO SHOW YOU A *"White Monarch"*

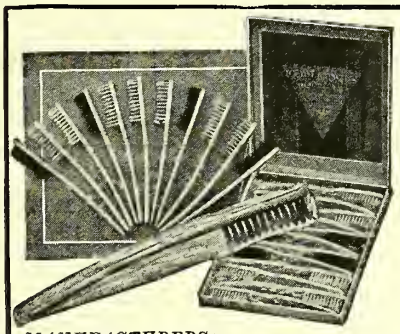
THE HIGH GRADE BALANCE OF MODERATE PRICE



ENTIRELY PROTECTED FROM DAMAGE, CORROSIVE FUMES AND DUST WITH VITAL PARTS ENCLOSED IN **WHITE PORCELAIN ENAMELLED HOUSING**

ALTERNATIVE FITTINGS — STAINLESS STEEL — CHROMIUM PLATING

WILLIAM A. WEBB, Ltd., 4/5 Skinner St., LONDON, E.C.1



- THE -
"STATIC"
Reg. No. 523,323
TOOTH BRUSH
BONEHANDLES WHITE, UNBLEACHED, OR BLACK BRISTLES
Names free on 6 doz. lots.
6/6 per doz.
From all Wholesalers.

MANUFACTURERS:
W. R. SPEER & SON, 215 Dalston Lane, E.8.
EST. 100 YEARS.

62% Profit on Turnover
by selling
PEROX
SUPER PEROXIDE TOOTH PASTE
(Double Strength)
6d. and 1/-, price protected.
Sold by Chemists only.
Extensive range of Display Material.
BRITISH MADE
Send also for range of "Own Name" packs and keenest quantity terms
PEROX LTD. 12, Chenies St., W.C.1.

PIFCO
ELECTRIC TORCHES
IN BRILLIANT DISPLAY CARTONS FOR PROFIT BUSINESS

Carton containing twelve Pifco Fountain Pen Torches retailing at 1/6 with Battery and Bulb. A handy Torch for Business or Professional Man

Carton containing twelve Pifco Midget Torches retailing at 10½d. with battery and bulb. A very popular Torch

LIBERAL DISCOUNTS LIBERAL TERMS

Our Representative will call on you with a complete range of Pifco Flashlights in Display Cartons on receipt of a postcard

PIFCO LIMITED
HIGH STREET, MANCHESTER or
150 CHARING CROSS ROAD, W.C.1

M.P.S.

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Telephone: 0961 BARNET. *Telegrams:* "SCURR, BARNET."

C. A. SCURR

M.P.S., F.S.M.C., F.B.O.A., F.I.O., F.N.A.O., B.Sc., F.C.O.

COMPLETE COURSES OF TUITION *for the* **QUALIFYING OPTICAL EXAMINATIONS** for the SIGHT-TESTING DIPLOMAS of the Worshipful Company of Spectacle Makers (F.S.M.C.) The British Optical Association (F.B.O.A.) :: :: And The National Association of Opticians (F.N.A.O.)

50, HIGH STREET, BARNET, LONDON, N.

F.I.O.

F.C.O.

F.N.A.O.

OPTICAL QUALIFICATION.

Dear Sir,

Pharmacists who have adopted sight-testing as an adjunct to pharmacy find it an appropriate, interesting and profitable form of practice. The pharmacist, by reason of his scientific and technical training, is peculiarly qualified to learn the principles and apply the technique of sight-testing, and to practise it efficiently alike to his own advantage, and that of the public.

Should you be desirous of acquiring an optical qualification, I could prepare you for any of the examinations described in these pages within a comparatively short while and in the minimum of spare time; moreover, you would find the course of reading very interesting, whilst it would not entail any interference whatever with business. By commencing the course now you would be able to take examination in about six months' time, and an average of about eight or ten hours weekly of your time is all that would be involved. Optical work is now in active operation as an additional N.H.I. benefit; there is plenty of scope in this direction. As a Qualified Optician, you would become registered and placed upon the Panel for Sight-Testing and Optical Treatment work under the National Health Insurance Acts.

If you are interested, kindly write your name upon the form on the facing page, which detach and post, when I will be very pleased to send you a syllabus which gives full details of the examinations and my courses of preparation, and any other information you would like.

Yours faithfully,

C. A. Scurr.

The Courses of Tuition

The Courses are specially suited to those Pharmacists who wish to gain a recognised Diploma in Optics without the necessity of giving up business to devote to full-time study. The tuition is **complete** and covers the whole work, both Theoretical and Practical, to meet the requirements of these examinations. Special attention is given to the **Practical Work,** and the notes, etc., provided in the lessons for this portion of the work are uniquely arranged and consist of lucid and detailed instructions for the guidance of the Pharmacist so that he can do same at home really quite easily and without any difficulty whatever.

The **systematic arrangement and lucidity** of the lessons ensure that the study is made as simple as possible.

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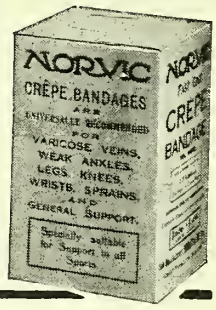

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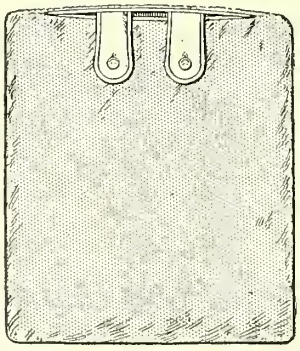

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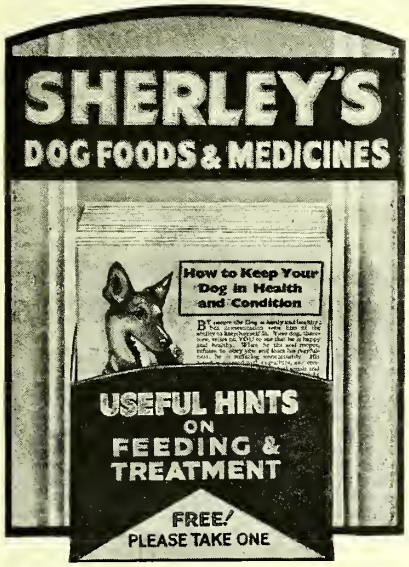

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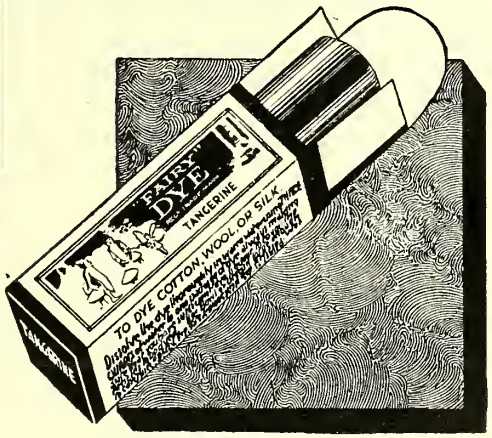

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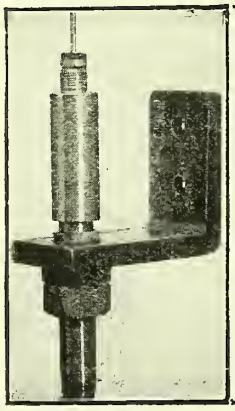

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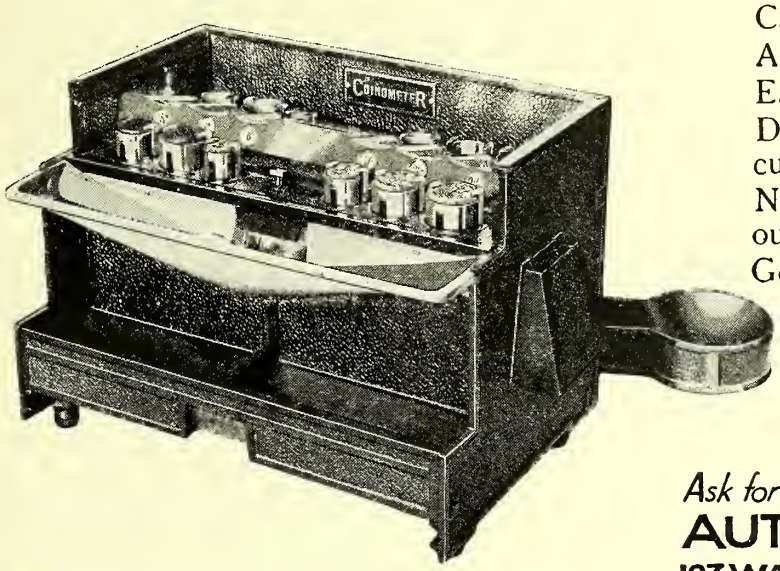

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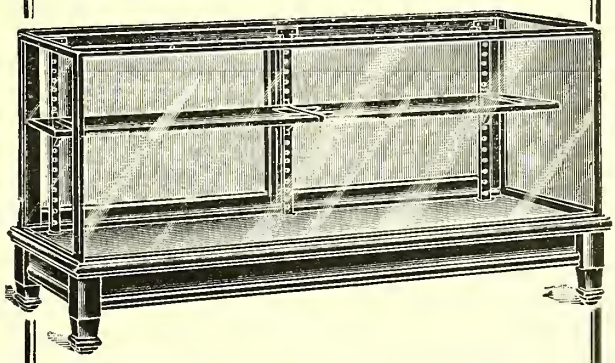

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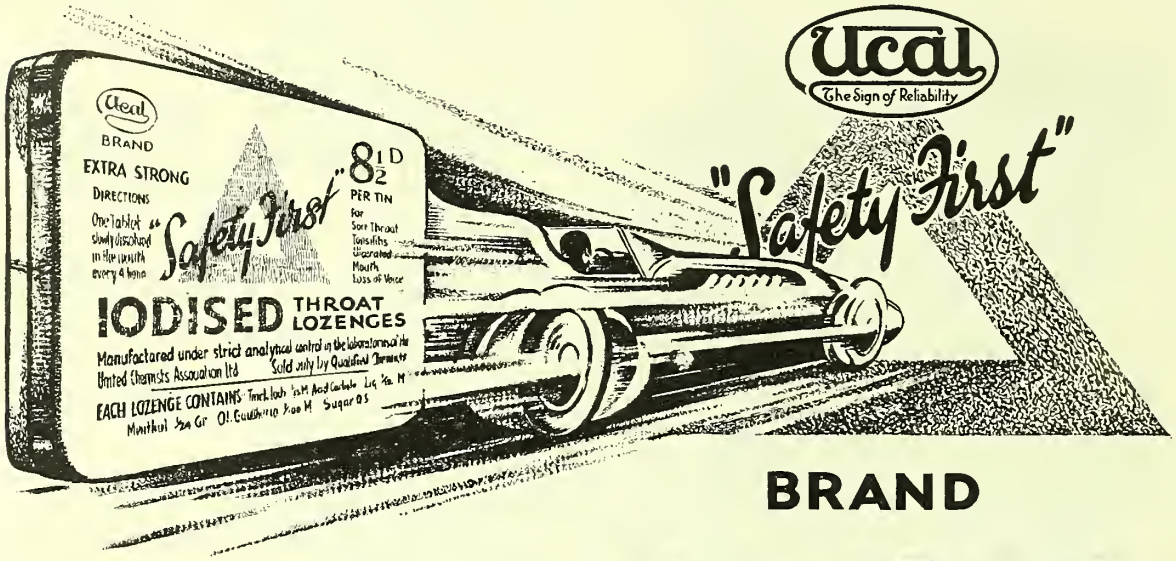

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VOL. 119. NO. 2801 OCTOBER 14, 1933

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News of the Week

Import Duties Advisory Committee Notices

The Import Duties Advisory Committee give notice of the following applications:—For an increase in the import duty on:—

Typewriters and parts thereof (other than spools); ribbon spools of metal and parts thereof for typewriters, cash registers, calculating and adding machines, and other similar machines.

For the addition to the Free List of:—

Solid insoluble quebracho extract; diatomaceous earth, whether ground or unground.

Any representations which interested parties may desire to make in regard to the applications for increase of duty or addition to the Free List above mentioned, should be addressed in writing to The Secretary, Import Duties Advisory Committee, Caxton House (West Block), Tothill Street, Westminster, London, S.W.1, not later than November 2, 1933.

The Chemists' Exhibition

At the recent Chemists' Exhibition held in London (*C. & D.*, September 30, p. 414) a competition to indicate the relative "pulling" power of eight dressed windows was arranged by the organisers. The competitors placed the windows in the following order:—(1) Thomas Harley, Ltd.; (2) Parfumerie de Fleury, Ltd.; (3) Ava, Ltd.; (4) The County Perfumery Co.; (5) Sunsweets, Ltd.; (6) McClure, Young & Co., Ltd.; (7) R. F. White & Co., Ltd.; (8) National Drug Industries, Ltd. The prizes have been awarded as follows:—1 (£10 10s.): W. R. Nicholas, chemist and druggist, Mevagissey. 2 (£5 5s.): W. Wright, chemist and druggist, Rushden. 3 (£3 3s.): L. F. Kitch, chemist and druggist (manager of Broom. Reid & Harris, Queen Street, Exeter). 4 (£2 2s.): R. A. Ebborn, chemist and druggist, Carshalton.

Inquests

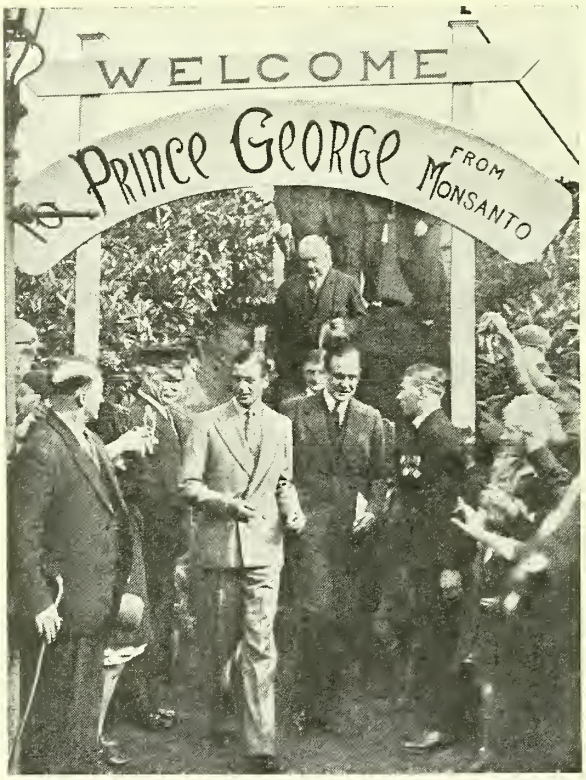
A verdict of "Suicide while of unsound mind" was returned at an inquest at Swadlincote, recently, on the body of Mr. Arthur Merchant, managing director of Merchant & Co., Ltd., grocers. The cause of death was poisoning by lysol mixed with strychnine. Mr. A. Scragg, chemist and druggist, said that Mr. Merchant had signed the poison-register when necessary.

An inquiry was held at Bath, on October 5, concerning the death of Mrs. Alice M. Williamson, the well-known novelist. Evidence showed that the primary cause of death was veronal poisoning, and that probably the formation of a clot on the brain was an accelerating factor. The coroner found that the veronal was self-administered, accidentally.—A similar verdict was given on the same date at a Birmingham inquest on the body of Christina M. Preston, St. Bernard's Road, Olton. The coroner remarked that Mrs. Preston appeared to have been inexperienced with regard to the drug.—At an inquest in South London, on October 10, it was stated that the deceased, Gwyneth M. Barclay, had taken 50 gr. of veronal. A verdict of "Suicide" was returned.

New Power Installation

As briefly recorded in our issue of October 7 (p. 440), the new power plant of the Monsanto Chemical Works, Ltd., in North Wales, was opened on September 26 by H.R.H. Prince George, who was accompanied by his

equerry (Major Butler) and by Lord Howard de Walden, Lord-Lieutenant of Denbighshire. The distinguished party was received by Mr. A. O. Roberts, M.P., and directors and officials of the Monsanto organisation, and was conducted round the offices, works and laboratories,



H.R.H. Prince George with Mr. T. P. Berington (Vice-Chairman, Monsanto Chemical Works, Ltd.) and Dr. W. H. Garrett (Manager, Ruabon Works) at the entrance to the Monsanto Recreation Club

the new warehouse and the recreation club and grounds. With steam at 450 lb. pressure, and at 720° F., electric power is generated by passing the steam through modern turbines, which exhaust the steam at 150 lb. pressure and 425° F., this then being used for plant processes. This new installation by no means exhausts the policy of expansion of the Monsanto organisation. A feature which interested H.R.H. was the new warehouse, with its separate packing rooms for each range of products. The Ruabon works were founded in 1867 under the ownership and management of the late Mr. Robert F. Graesser.

Cardiff

The first of a series of "refresher" lectures was delivered by Mr. R. Vernon Lloyd, B.Pharm., Ph.C., at the Technical College, Cardiff, to the pharmacists of Cardiff and district on October 4. The lecture was repeated for the benefit of those residing in the outlying smaller towns and country areas on October 5. The lecturer explained modern methods of sterilisation, the making of ampoules, etc., and the demonstrations gave an added interest. There are three more lectures to follow, on each Wednesday and Thursday during October. Application for the course should be made to Mr. R. Vernon Lloyd at the Technical College.

The Cardiff Pharmacists' Golfing Society held their annual competition for the Newbery cup over the links of the Cardiff Golf Club on October 4. There were twenty-one entrants, and the proceeds will be handed to the Benevolent Fund of the Pharmaceutical Society. Tea was generously provided for the competitors by Francis Newbery & Sons, Ltd., and their local manager, Mr. Loyley, presented the cup to the winner, Mr. J. Murray. The principal cards returned were as follows:—Mr. J. Murray, 79−14=65; R. H. Nix, 75−6=69; A. Williams, 93−22=71; A. Gordon, 83−12=71; F. James, 91−20=71.

Sheffield

Sheffield Insurance Committee has decided that the new National Formulary shall come into operation on January 1, 1934.

As a token of appreciation, Mrs. John Austen, who is one of the founders of the Rotary Inner Wheel, has been presented with a gold badge by the members.

Miscellaneous

Aliens Restriction (Amendment) Act.—Permission has been granted to Amalia Rattazzi, 18 Charing Cross Road, London, W.C.2, to use the title Amaline.

Burglary.—The premises of Parkes Chemists, Ltd., Clarence Street, Kingston-on-Thames, were broken into on October 4 and a large quantity of goods was stolen.

Window dressing awards.—Among the prizewinners in the window dressing competition organised by the Bolton Chamber of Trade were the following chemists:—Mr. W. Crumblehulme, Mr. F. B. Emery, Mr. S. Haywood, Waller & Riley, Ltd.—In a similar event at Accrington, recently, Thornbers (Chemists), Ltd., received awards in three different areas.

The Royal Institution.—Discourses and lectures arranged for at the Royal Institution, Albemarle Street, London, W.1, during the remainder of this year include "Studies in the Germination of Seeds," by Sir Arthur Hill; "The Shape of Molecules," by Dr. N. V. Sidgwick; "Liquid Crystals," by Sir William Bragg; "Industrial Research," by Dr. Kenneth Lee.

In the courts.—At Huddersfield Police Court, on September 25, Horace Bennett, chemist, pleaded "Guilty" to charges of embezzling money received on behalf of his employers, Taylors (Cash Chemists), Ltd. A fine of £10 on each charge, with £3 3s. costs, was imposed.—At Hull Police Court, on October 9, James Scott Webster, M.B., was fined £50, with £2 2s. costs, on five charges of procuring "dangerous" drugs without being authorised. Time for payment was allowed.

Scottish Notes

Brevities

Mr. John A. Colston, Rutherglen, was the successful candidate at the recent examination for the Kinninmont scholarship.

The pharmacy of Mr. John L. Johnston, chemist and druggist, 122 Forge Street, Germiston, Glasgow, which is also a sub-post office, was broken into recently and several small articles were stolen. The thieves apparently entered by cutting a hole in the ceiling and dropping into the shop.

A correspondent writes:—"The report of the Scottish Board of Examiners (*C. & D.*, October 7, p. 452) makes sorry reading for Scottish chemists, who, as a rule, have prided themselves on the training given to their pupils. It incidentally shows the need for a four-years' unbroken apprenticeship in pharmacy."

Mr. Andrew G. Adamson is one of the members of Kirkcaldy Town Council to retire by rotation at the forthcoming municipal election. Mr. Adamson has occupied a seat on the Town Council for several terms, and he has actively interested himself in other public bodies. An invitation is being extended to him to give his services again in a civic capacity.

Mr. D. G. Mackenzie (Bishopbriggs), a former holder of the title, has again secured the honour of being champion of the Glasgow Pharmacy Bowling Club, which carries with it custody of the Greig trophy. Mr. Mackenzie was opposed by Mr. W. J. Moffat (Wellcroft) in the final on Queen's Park Club green, and got through after a good game by 21—17. Mr. F. B. Gray (Mount Florida) was the winner of the Cockburn cup with the best aggregate score of the season.

Irish Notes

Brevities

Alderman Sean French, Lord Mayor of Cork, has been appointed chairman of the advisory council set up by the Government under the Cork Tramways Act.

A verdict of "Suicide whilst in a state of unsound mind" was recorded by the Belfast coroner at an inquest on the body of Mrs. Ellen Dickson. Death was due to the effects of swallowing potassium permanganate.

Rules have been made under the Therapeutic Substances Act, 1932 (S. R. & O., 1933, No. 106: 1½d.), prescribing the periods of appointment for the Advisory Committee, method of filling vacancies, and details of procedure.

An Irish chemist writes: "When the accident happened it caused me a couple of days and nights of extreme worry, when I remembered that perhaps the *C. & D.* Policy would cover veterinary as well as the ordinary medical; so now you have put all my worries on this subject as a thing of the past, and I do send my warmest thanks . . . for your kind attention."

The following contracts for chemicals were recently placed by the Irish Free State Posts and Telegraphs Department:—Lennox Chemicals, Ltd., Dublin; May, Roberts & Co., Ltd., Dublin; General Chemical & Pharmaceutical Co., Ltd., Sudbury; Harrington Bros., Ltd., London; The British Drug Houses, Ltd., London. By the Department of Defence for medicines and drugs:—Boileau & Boyd, Ltd., Dublin; surgical requisites, Fannin & Co., Ltd., Dublin.

A verdict of "Suicide by taking strychnine poison" was returned at a recent inquest at Drumquin, Tyrone, on James Johnston, Kilcleen, Castlederg. Mr. L. P. Daly, Ph.C., Castlederg, gave evidence of having sold strychnine to the deceased, who said it was for killing rats.

The acting coroner at Strokestown held an inquest, recently, concerning the death of a farmer named Hanley. The jury returned a verdict of "Death from strychnine poisoning." It was stated that ⅙ gr. of strychnine was found in the stomach of the deceased. A chemist at Elphin said she made up a mixture for the deceased on June 23 on a prescription. She frequently made up such a mixture for him. There was 4½ minims of tincture of nux vomica in each dose, as well as cascara and glycerin. If the whole content of the bottle was taken at once it would not be sufficient to poison a person. The coroner said that owing to the scandalous and indiscriminate sale of strychnine, he would ask the jury to add a rider to their verdict regarding the sale of poisons to lay persons. Supt. McKenna, C.G., said that one man in Strokestown bought 60 gr. of strychnine in a month, and purchased as much in six months as would, he was informed, poison 1,000 persons. The jury added a rider to their verdict, to the effect that strychnine should not be sold by chemists to members of the public without a permit from the Civic Guard.

Topical Reflections

By Xrayser

Veterinary Business

means something to a limited number of us, but to nothing like the same proportion as other sidelines which help us to eke out the modest livelihood usually provided by the practice of pharmacy pure and simple. Country chemists find themselves engaged in veterinary business as a matter of course, but it is only here and there that we find much attention paid to it by chemists in large towns. As a rule, it will be found that the town pharmacy to which people resort for animal medicines are those owned by "doggy" men, born lovers of animals of one kind or another, who treat animals brought to them as tenderly as they would treat any child. Your special articles published last week (pp. 445-46) should appeal specially to those skilled in handling domestic pets, while Mr. Corrie's contribution on the supplementing of farm foods with mineral matter will be found of great value for reference purposes by all chemists and druggists who do business with farmers and stock-breeders. It is only by keeping our information up to date, by the aid of such articles, that those of us who suffer from competition, as described by "Critique" (p. 463), can expect to win through. Those who are content simply to hold certain stocks of veterinary remedies, and hand them out when asked for them, are not likely to make much headway.

Non-proprietor Chemists

are to be enabled to join the National Pharmaceutical Union as associate members, provided they are employed as managers or assistants by proprietor members of the Union (*C. & D.*, October 7, p. 443). This proviso appeared to me an unfortunate limitation of a generous offer; but then I observed that there was an alternative, since persons not so employed may be admitted as associate members at the discretion of the Executive of the Union. It would, however, in my opinion, have been preferable to make every non-proprietor chemist engaged in retail business eligible for admission, if of good reputation, the more especially as an assistant may be working for a member of the Union one month and for a non-member the next month. As I pointed out a month ago (p. 361), there is need for protective purposes of an association to which all employed pharmacists may belong, as well as those who do not find it necessary to have their names retained on the Register. A membership subscription of 5s. per annum should be found sufficient for such an association, which ought to be in a position to provide its members with legal advice when required, keep an employment register, advise in cases of difficulty, and perhaps even render assistance of a benevolent character in times of need. Possibly the N.P.U. may feel itself in a position to do all these things.

Professor Armstrong's Address

must have had a wonderful appeal to those of mature years who heard it delivered, or read it in your columns (p. 455). His close association with pharmacy from the early days of our organisation as a body of workers with professional aspirations enables him to speak in terms of delightful intimacy of distinguished pharmacists and scientists associated with pharmacy, who have now passed away. After reading the address, I found my thoughts carrying me back through the long years to the times when what are now only names and recollections were active living beings, all with distinctive personalities and counting for much in the scheme of things. Apart from these references to individuals whose memories are still fragrant to many of us, Professor Armstrong had much to say that was of particular value in these days of changing views. He misses the old-time stock of chemists' shops, now replaced by neat packets to such an extent that it seems almost possible for a chemist's apprentice to spend some considerable time in the pharmacy without ever seeing soda, borax, sulphur, etc., in their original form as we used to sell them years ago. The professor had also much to say respecting modern views in physics and chemistry, not always favourable, but at times severely critical and at others revealing the existence of the desirable faculty of suspending judgment until fuller and more satisfactory evidence is forthcoming.

Legal Reports

Settlement Approved.—A settlement of a libel action against Hancock & Co., Ltd., chemists, Fleet Street, London, E.C.4, brought by Mr. Charles Henry Built, Nelson Road, Worcester, was announced before Mr. Justice Horridge in the King's Bench Division of the High Court on October 5. Mr. Terence O'Connor, K.C., on behalf of the plaintiff, explained that Mr. Built, a single man, held a responsible position with an omnibus company in Worcester. His name was used falsely in a communication to the defendants, who sent to a young unmarried lady in Worcester literature on birth control. Mr. Built had never in fact had any communication with the defendants, and great distress was caused to the young lady and a certain amount of tittle-tattle started among the servants of the company, by whom both the lady and the plaintiff were employed. The plaintiff was bound to bring the action to vindicate his character, and, not desiring to make money out of it, he had accepted the defendants' offer of complete indemnity. They had agreed to pay his costs and a small sum by way of damages, together with a full and frank apology. Mr. J. D. Cassels, K.C., for the defendants, said they were a reputable firm established for 173 years. They received a letter from a person who turned out to be in the same employment as the plaintiff, requesting in the plaintiff's name that a consignment of goods should be sent to the plaintiff and literature to the young lady. Unfortunately they complied with the request. The person who made it did so as a practical joke, and had since apologised to the plaintiff, the lady, and the defendants. The defendants had made a new rule in their business not to send literature of this kind to any single woman without getting confirmation from her of her desire to receive it. Mr. Justice Horridge, in approving the settlement as right and proper, said that the person who thought his conduct was a joke had a strange idea of humour.

New Companies
and Company News

P.C. means Private Company and R.O. Registered Office

Hermans, Ltd. (P.C.).—Capital £200. Objects: To carry on the business of chemists, druggists, apothecaries, etc. R.O.: 23 Osborne Street, E.1.

Heely & Co. (Alford), Ltd. (P.C.).—Capital £3,000. Objects: To carry on the business of manufacturing, analytical, wholesale, retail and consulting chemists, druggists, etc.

Kemsales, Ltd. (P.C.).—Capital £1,000. Objects: To carry on the business of chemists, druggists, etc. Solicitors: Kenneth Brown, Baker and Baker, Essex House, Essex Street, Strand, W.C.2.

Scent Sprays, Ltd. (P.C.).—Capital £500. Objects: To carry on the business of manufacturers of and dealers in scent sprays and bottles, etc. Solicitor: A. M. Oppenheimer, 31 Queen Victoria Street, E.C.4.

Sharmek Biological Cosmetics, Ltd. (P.C.).—Capital £100. Objects: To carry on the business of manufacturers and sellers of cosmetics and preparations, etc. Solicitors: Peacock & Goddard, Gray's Inn, W.C.1.

Boyd's Chemical Co., Ltd. (P.C.).—Capital £100. Objects: To carry on the business of manufacturing, wholesale and retail chemists, druggists, etc. Solicitors: Hays, Roughton & Dunn, 110 Cannon Street, E.C.4.

Synthetic & Industrial Finishes, Ltd. (P.C.).—Capital £100. Objects: To engage in chemical research, to manufacture synthetic and other chemical substances, etc. R.O.: Imperial Works, Balmoral Road, Watford.

Kelsie, Ltd. (P.C.).—Capital £200. Objects: To carry on the business of manufacturers and dealers in medicines for poultry, dogs, cattle, etc. Solicitors: Litchfield & Kusel, Palace Chambers, Bridge Street, Westminster.

N. D. K. Laboratories, Ltd. (P.C.).—Capital £100. Objects: To carry on the business of manufacturers and sellers of Oral foods, teeth and nerve foods, bactericides, disinfectants, dentifrices, etc. R.O.: 4 Hamsell Street, E.C.1.

Balham Pharmacies, Ltd. (P.C.).—Capital £400. Objects: To carry on the business of consulting, analytical, manufacturing, pharmaceutical and general chemists, etc. R.O.: Room 9, Third Floor, 317 High Holborn, W.C.2.

Woodward Sales, Ltd. (P.C.).—Capital £500. Objects: To carry on the business of manufacturers of and dealers in pharmaceutical and medicinal preparations, patent and proprietary articles, etc. Solicitors: McKenna & Co., 31/4 Basinghall Street, E.C.

James Ross & Company (London), Ltd. (P.C.).—Capital £1,000. Objects: To carry on the business of manufacturers of and dealers in surgical, medical, dental and optical appliances, instruments, etc. R.O.: Gilbert House, Princeton Street, Bedford Row, W.C.1.

Sterilastic (Great Britain), Ltd. (P.C.).—Capital £100. Objects: To carry on the business of manufacturers of and dealers in adhesive rubber, bandages, dressings or similar articles (medicated and otherwise), etc. Solicitor: D. W. Drummond, 38/9 Parliament Street, S.W.1.

General Technical Consulting Company, Ltd. (P.C.).—Capital £600. Objects: To carry on the business of consultants in all general technical matters of electrical, chemical and other forms of engineering, technical, research and analytical chemists, etc. R.O.: New Courts Chambers, 57/8 Chancery Lane, W.C.2.

British Pharmaceutical Holdings, Ltd. (Public Company).—Capital £100. The objects are to carry on the business of chemists, druggists, importers and manufacturers of and dealers in pharmaceutical, medicinal, chemical, industrial and other preparations and articles, etc. R.O.: P. & O. House, 14/16 Cockspur Street, S.W.1.

Industrial & Commercial Detergents, Ltd. (P.C.).—Capital £5,000. Objects: To carry on the business of buying, selling and manufacturing all kinds of graded, cleansing and sterilising detergents for all industries, oils, face creams, face powders and shampoo powders, toilet requisites, etc. Solicitors: Ward, Bowie & Co., 2 Clement's Inn, Strand, W.C.2.

Herbloid Ointment Manufacturing Company, Ltd. (P.C.)—Capital £200. Objects: To adopt an agreement with David Trembath to acquire the trade marks "Herbloid" and "Coova," Nos. 539,795 (class 2) and 540,229 (class 3), and goodwill in connection therewith; and to carry on the business of manufacturers of and dealers in ointments, plasters, oils, perfumes, etc. R.O.: Manor House, Great Clacton, Essex.

Genatosan, Ltd.—Directors announce final payment of 20 per cent. on the ordinary shares, making, with interim already paid, a total of 35 per cent. for the seventh year in succession.

Boots Pure Drug Co., Ltd.—At an extraordinary meeting of shareholders held at Nottingham on Tuesday, October 10, the proposal to divide the 1,500,000 £1 ordinary shares into shares of five shillings each was unanimously approved. Three new directors were elected, as follows: Viscount Mersey, Viscount Wolmer and Col. Francis Powell Braithwaite.

Sangers, Ltd.—We are advised that the list for the additional capital of 360,000 £1 5½ per cent. cumulative preference shares and 720,000 five-shilling ordinary shares, making the total capital of the company £1,040,000, which opened on Tuesday was closed at 9.15 the same morning. The applications received amounted to several times the amount of the issue.

Bankruptcy Reports

Re Harold Crawshaw, trading as "The Lansdowne Drug Stores," 27 Lansdowne Road, Bridlington, Yorkshire, herbalist. The first meeting of the creditors of the above was held at the Official Receiver's Office, Bank Chambers, Scarborough, on October 6. The statement of affairs produced disclosed gross liabilities of £419, of which £389 was expected to rank for dividend, and there was an estimated deficiency of £326. Debtor attributed his failure to lack of capital and arranging to purchase the business at an excessive price. The case being a summary one was left in the hands of the Official Receiver, as trustee.

Re Henry Stewart Whiting, trading as Stewart & Burns, 58 and 142 Victoria Dock Road, E., drug stores. The first meeting of creditors was held recently at London Bridge Buildings. He stated that he began business in 1929 at 58 Victoria Dock Road. The trading was successful, and three years later he opened a branch store at 142 Victoria Dock Road. He was recently sued by P.A.T.A., who claimed damages owing to the fact that some of his goods had been found in price-cutting shops. Subsequently his supplies and credit were stopped by his principal creditors, and pressure for payment being applied he petitioned the Court. No statement of affairs was lodged, but the debtor roughly estimates his liabilities at £960, against assets valued at £83. He attributes his failure and insolvency to the loss of credit through supplying "cutters" and removal of customers from the neighbourhood. The estate was left in the hands of the official receiver to be wound up.

Private Arrangements

Stanley Robert Daykin, 11 and 13 Cheapside, Worksop, Drug store proprietor. The creditors were called together recently, when Mr. Parkin S. Booth, Liverpool, submitted a statement of affairs which showed ranking liabilities of £1,034 3s. 1d., made up as follows:—Trade creditors, £486 17s. 4d.; cash claims, £451 8s. 4d.; and partly secured creditors, £95 17s. 5d. The total claims of the latter were £150 8s. 11d., but securities to the value of £54 11s. 6d. were held. The assets consisted of stock £700, put down at £350, and trade fittings, fixtures, utensils, etc., £50, making a total of £400. After allowing £55 4s. 3d. for preferential claims, the net assets were £344 15s. 9d., or a deficiency of £689 7s. 4d. An offer had been received to purchase the stock and fixtures for £300. A resolution was passed in favour of a deed of assignment being executed to Mr. Booth, whilst a committee was also appointed.

Alfred Prince, High Street, Connahs Quay, Flint, chemist and druggist. The creditors met recently at the offices of the Association of Manufacturing Chemists, Liverpool. The statement of affairs showed ranking liabilities of £3,307 14s. 1d., made up as follows:—Trade creditors, £1,524 0s. 3d.; cash claims, £142 10s.; building society, £626 3s. 10d.; deferred creditor, £260, and partly secured creditor, £755. The latter were a building society, who claimed £1,355, and they held securities valued at £600 for the purposes of the statement. In addition, there were fully secured creditors for £311 19s. 5d. After allowing £22 19s. 3d. for preferential claims, the net assets were £226 2s. 4d., or a deficiency of £3,081 11s. 9d. The assets consisted of stock, £213 17s. 2d., put down at £150; fixtures and fittings, £218, valued at £50; household furniture, £20; National Health Insurance, £18; and surplus from fully secured creditor, £11 1s. 7d. Mr. Parkin S. Booth reported that the debtor, who had been in business in Connahs Quay for several years, found himself in financial difficulties some three years ago, when a moratorium was arranged with five of his principal trade creditors, which had continued from year to year since, with the consent of the creditors concerned. It was decided to confirm the deed of assignment already executed to Mr. P. S. Booth and Mr. C. D. Irving, I.A., whilst a committee was also appointed. It was stated that the business would be continued for a time with a view to effecting a sale as a going concern.

Trade-Mark Applications

The figures in parentheses refer to the classes in which the marks are grouped. A list of classes and particulars as to registration are given in "The Chemist and Druggist Diary," 1933, p. 329.

(From "The Trade Marks Journal," October 4, 1933)

"'SALVENE'"; for veterinary ointment (2). By Wessex Supplies, Ltd., Town Hall Buildings, Market Place, Wells, Somerset. B542,564

"RUDGWICK SUSSEX" on design incorporating name of applicants, sun rays, letters "S.P.B.A.," etc.; also similar design incorporating name of applicants and letters "S.P.B.A." ("S.P.B.A." disclaimed); for chemicals (2). By Scientific Poultry Breeders' Association, Ltd., Rudgwick, Horsham, Sussex. 543,779/780. (Associated.)

"SANPIC"; for all goods (2). By Harpic Manufacturing Co., Ltd., Dansom Lane, Hull. 543,851. (Associated.)

"MAXMAN" and "AFRILIM"; for fertilisers (2). By J. & W. Maxwell, Ltd., King's Arms Lane, English Street, Carlisle. 544,012/013.

"PIPERAZINE MIDY," etc., on label design incorporating facsimile signature; for pharmaceutical preparations containing Piperazine (3). By Midi Frères, 4 Rue du Colonel Moll, Paris. 534,000.

"MILTON" on design of oblong across diamond shape ("Milton" disclaimed); for all goods (3) and (48). By Milton Proprietary, Ltd., 10-12 Brewery Road, London, N.7. 540,233/234. (Associated.)

"TELET"; for laxative, sedative and tonic medicines (3). By J. Shields, Thorterlands, Haining Road, Renfrew. 542,099.

"PERVO"; for medicated paper handkerchiefs and toilet paper (3). By A. E. Mallandain, Ltd., King's House, King Street, London, E.C.2. 543,387.

"TYMO"; for toilet paper (39). By Southall Bros. & Barclay, Ltd., Priory House, Gooch Street, Birmingham 5. 544,220. (Associated.)

"SHEMEN"; for perfumed toilet soap (48). By Eastern and Overseas Products, Ltd., 41 Bedford Square, London, W.C.1. B542,400.

"GWAUVE"; for perfumery, etc. (48). By A. J. Seward, Whitcombe, The Avenue, Worcester Park, Surrey. 544,032.

Wills

MR. HENRY BULMER RUDD, 4 Westgate, Ripon, Yorks., pharmaceutical chemist, who died on July 3 last, aged sixty-six, left estate gross value £13,569, with net personalty £9,884.

MR. THOMAS WARDROP STEEL, 24 Bouverie Road, West Folkestone, Kent, and of Messrs. Hall & King, chemists, who died on August 4 last, aged fifty-three, left £14,739, of which £9,515 is net personalty.

MR. WILLIAM HENRY SMITH, Inglewood, Devonshire Avenue, Beeston, Notts, chemist and druggist, who died on December 15 last, aged 61, left estate gross value £6,062, with net personalty £3,122.

MR. FREDERICK SETH SEYMOUR, Avenue Cottage, Wimborne, Dorset, chemist and druggist, who died on January 22 last, aged seventy-eight, left estate gross value £10,479, with net personalty £9,758.

MR. EDWIN WARD, Sandcliffe, Harold Road, Clacton-on-Sea, Essex, chemist and druggist, who died on November 26 last, aged eighty-one, left estate gross value £8,213, with net personalty, £4,951.

MR. HARRY STEVENSON, Keilawarra, Warlingham, Surrey, and 31 Buckingham Gate, London, S.W., chairman of United Carlo Gatti, Stevenson & Slaters, Ltd., ice merchants, and of Allen-Liversidge, Ltd., and William Forbes Stuart & Co., Ltd., and a director of the British Oxygen Co. and the Kingston Pure Ice and Cold Storage Co., who died at sea on Dec. 30 last, aged sixty-two, left estate gross value £31,532, with net personalty £22,898.

Pharmaceutical Society of Great Britain

London Examination Results

THE following are the results of the examinations held in London during the present month:—

—	No.	Preliminary Scientific Examination				Chemist and Druggist Qualifying Examination			
		Absent	Failed	Referred	Passed	Absent	Failed	Referred	Passed
Entered for Prelim. Sc. exam.	151	1	101	30	19	—	—	—	—
Referred subject in Prelim. Sc. exam.	102	—	—	39	63	—	—	—	—
Entered for C. and D. exam.	110	—	—	—	—	5	43	31	31
Referred subject in C. and D. exam.	119	—	—	—	—	—	—	30	89
	482	1	101	69	82	5	43	61	120

Candidates have been referred as follows:—Botany, 38; chemistry, 15; physics, 16; pharmacognosy, 11; pharmacy, 31; pharmaceutical chemistry, 19. Total, 130.

Candidates have failed as follows:—Botany, 84; chemistry, 82; physics, 84; pharmacognosy, 34; pharmacy, 33; pharmaceutical chemistry, 30; forensic pharmacy, 25.

CHEMIST AND DRUGGIST QUALIFYING EXAMINATION

The following, having satisfied the examiners in the Chemist and Druggist Qualifying examination, have been registered as chemists and druggists:—

Ager, C. H., Longton
Allen, F. A., Bromsgrove
Angwin, J. L., Heamoor
Anstis, Winifred A., Pontyclun
Armstrong, E. C., Waddon
Aslett, R. A., W. Worthing
Atzema, R. J., Dunstable
Bailey, L. A., Cardiff
Bales, W. H., Norwich
Banks, A. R. W., Bridgford
Barnes, E. F., Bristol
Barnett, Christine A., Swanage
Barrow, Thomas, Liverpool
Baxendell, T. G., Barry
Bowden, W. H., Clapham
Brabbing, Fred, Bolton
Buchanan, A., Southport
Butterworth, Marion, Oldham
Cambridge, W. E., Kingswood
Carbutt, John, Sheffield
Clements, George, Birmingham
Clifton, T. C., Helston
Coles, C. W., Northampton
Conrad, E. A., Thornton Heath
Cooper, W. K., Skelton
Corfield, Roma K. T., Birmingham
Cox, S. C., Derby
Darling, Xarifa, Southsea
Davies, B. H., Bagillt
Dawson, Winifred K., Catford
Drew, J. C., Chatham
Eagland, K. C., Congleton
Edwards, C. H. B., Midsomer Norton
Elliott, A. T. S., Devonport
Evans, R. D., Kingston-on-Thames
Fecitt, Ernest, Preston
Ferrag, M. K., Cairo
Foster, H. R., Poole
Fowler, R. S., Market Drayton
Gealy, Joshua, Carmarthen
Gledstone, Walter, Bradford
Hacking, Douglas, Rishton
Hankey, William, Liverpool
Harding, Arthur, Manchester
Harrison, C. W., Ealing
Hawkes, Allan, Sheffield
Holmes, Irene R., Southwark
Hugall, John, Sale
Hunt, H. H., Cærau
Hunter, W. S., Bristol
Hurd, Freda M. L., Horsham
James, Lewis, Aberfan
Jarrett, B. R., Bristol
Jenkin, A. J., Wood Green
Jones, A. C., Cardiff
Laidlaw, G. W., Newcastle
Lee, Miriam F., Liverpool
Leslie, J. C., Catford
Long, R. H., Hoole
Lord, M. L., Rochdale.
Mackett, G. W., Earl's Court
Maddock, J. F., Grantham
Marmery, V. J., Newhaven
Masen, Phyllis L. W., E. Grinstead
Minifie, E. R., Weston-super-Mare
Morgan, Rachael M. J., Holywell
Morgan, W. J., Abertillery
Mortimer, Daphne C., Tooting
Myers, David, Cardiff
Myers, William, Jarrow
Nash, E. J., Swansea
Neill, D. A., W. Bridgford
Nokes, W. A., Wroxham
Norman, Phyllis M., W. Hampstead
Oversby, J. P., Prestwich
Oxtoby, C. F., Leeds
Parrish, J. J., Cardiff
Payne, E. H., Prestbury
Peatfield, Katherine, Leytonstone
Pegg, Gwendoline H., Leicester
Pynegar, E. G., Heanor
Rawstron, F., Rossendale
Ress, Myrddin, Llanelly
Reynolds, F. J., Erith
Richards, H. V. O., Narberth
Roberts, Enid, Prestatyn
Rosoman, Margaret, Stoke-on-Trent
Ross, G. D., Stoke-on-Trent
Rowe, R. C., Filey
Rubens, Fanny, Ammanford
Ruddell, C. B., Cambridge
Sadler, B. H., Swindon
Salter, R. H., Twickenham
Sapp, Agnes M., Basingstoke
Sayer, W. H., Pill
Seedhouse, Ann, Brownhills
Segal, Cyril, Canonbury
Shingler, J. J., Handsworth
Siddall, J. T., Sheffield
Smith, J. M., Leicester
Smith, Thomas, Oldham
Snowden, E. J., Melton Mowbray
Sparrow, J. C., Frome
Strang, C. G., Newport
Taplin, E. L., Bournemouth
Thorpe, A. D., Wyke
Toplis, W. H., Sheffield
Upex, A. A., Peterborough
Wadsworth, L. W., Shoreham
Waite, R. S., Tintern
Wallace, P. F., Tunbridge Wells
Wallis, Margaret, Tunbridge Wells
West, L. E., Ilford
Westlake, W. K., Okehampton
Weston, F. S., Basford
Whiteley, E. P., Golcar
Williams, J. R., Swansea
Williams, W. A., Aberdare
Woods, Ernest, Rishton
Zetler, P., Stellenbosch

Supplementary Report of the Education Committee

The following supplementary report of the Education Committee has been adopted by the Council:—

The Committee have had under consideration for some time what steps might be taken to improve the conditions under which practical training in the compounding and dispensing of medicines is received during apprenticeship served in shops. The Committee feel that they are justified in assuming that the need for some improvement in this direction is already recognised by the Council and that it is unnecessary to state the reasons that have led them to consider the question. The conclusions to which the Committee have come are as follows:—

(1) That a clause on the following lines should be added to the paragraph in the Articles of Pupilage setting out the employer's obligations:—

" . . . to observe such rules as may from time to time be prescribed under the Regulations by the Council of the Pharmaceutical Society of Great Britain for the approval of conditions under which training in the compounding and dispensing of medicines may be received in shops. . . ."

(2) That the following rules to implement this clause should be prescribed:—

(i) The employer shall from time to time, if requested, furnish such information about the staff, accommodation, equipment and work of his business as may be required by the Society and shall permit a representative of the Society to inspect at any time during business hours any premises where his business is carried on.

(ii) If the employer does not undertake personally the training of the apprentice he shall appoint some pharmacist member of his staff whose responsibility it shall be to do so.

(iii) The training of the apprentice shall include practical experience in:—The manipulation of pharmaceutical apparatus in common use. The recognition by appearance of the chief crude drugs and chemical substances used in medicine having characteristic physical properties. The preparation of

galenicals illustrating the principles involved in the commoner pharmaceutical operations. The translation of prescriptions. The dispensing of prescriptions illustrating the various methods of administering medicaments. The keeping of the records required by the various Acts of Parliament affecting pharmaceutical practice. The storage of drugs and medicinal preparations.

(iv) The employer shall provide such accommodation, apparatus, materials and books of reference as shall be required for the efficient training of the apprentice in accordance with Rule 3 and shall require the apprentice to keep a record of his work.

(v) In any set of premises the number of apprentices that may be employed shall not exceed two where there is one pharmacist engaged in the work in which the apprentice is being trained, and where there is more than one pharmacist similarly engaged the number shall not exceed one for each additional such pharmacist. For the purpose of this Rule an apprentice shall mean any person receiving training in the compounding and dispensing of medicines whether or not for one of the qualifications of the Society and whether or not under an apprenticeship agreement.

(vi) In the event of any question arising as to the interpretation or observance of these Rules the decision of the Council shall be final.

The Committee recommend that the proposals for improving the conditions under which practical training is received in shops be circulated to the branches for their observations.

Branch Meeting

Bedfordshire.—A meeting of the Bedfordshire Branch of the Pharmaceutical Society of Great Britain was held recently, Mr. G. L. Whitmore in the chair. The chairman said that the pharmaceutical students of the Luton Technical School were present to receive the prizes awarded by the Branch. He hoped they would work as hard for ideals in pharmacy. To the young it was sometimes difficult for them to see a big future in pharmacy, and the monetary gain sometimes seemed rather obscure, but in pharmacy they had a wonderful field in which to develop ideals. Mr. E. H. Burroughs, who has always taken a kind interest in the work of the local students, presented the prizes as follows:—C. F. C. Gilpin (British Pharmacopœia); W. A. Kilby (Bentley's "Pharmaceutics"); H. J. Swan (Bentley's "Pharmaceutics"). Mr. Whitmore gave his experiences and impressions of the British Pharmaceutical Conference, from which followed an interested discussion on the Pharmacy and Poisons Act. A vote of thanks to the chairman was expressed by Mr. J. A. Turner.

Manchester Pharmaceutical Association

THE opening meeting of the present session of the Manchester Pharmaceutical Association was held on October 5, and took the form of a speech day, with presentation of prizes. The prizes were awarded to the successful students from the University and the Colleges of Technology of Manchester and Salford by Mr. E. H. Simmons (president of the Association) in the absence of Mr. J. H. Franklin.

The Awards

The following is a list of the successful candidates, with the names of the donors of awards:—

Silver Medal, Ph.C. and B.Sc. (Pharmacy) Course, Harry Burlinson (presented by Mr. James Grier, M.Sc.).

Silver Medal, Chemist and Druggist Course, J. M. Rowson (presented by Mr. H. Brindle, B.Sc.).

Book Prize (value £3 3s.), *Final B.Sc. and Ph.C. Course,* shared by Harry Burlinson and John Vickers (given by James Woolley, Sons & Co., Ltd.).

Book Prize (value £3 3s.), *First Year Ph.C. and B.Sc. (Pharmacy) Course,* shared by Norman Spencer and Tsung-Jen Chén (given by Hough, Hoseason & Co., Ltd.).

Prize (value £2 2s.), *Chemist and Druggist Course,* shared by J. M. Rowson and Harry Moore (given by Oldfield, Pattinson & Co., Ltd.).

Prize (value £2 2s.), *Chemist and Druggist Course,* J. M. Rowson (given by the president of the Manchester Pharmaceutical Association).

Prize (value £2 2s.), *Chemist and Druggist Course,* shared by Harry Moore and William Pare (given by Thomas Kerfoot & Co., Ltd.).

Prize ("British Pharmaceutical Codex"), *Chemist and Druggist Course* ("Proxime accessit"), Leonard Whittaker (given by the Pharmaceutical Society).

Prize (value £2 2s.), *Preliminary Scientific Course (Manchester University).* Not awarded.

Prize (value £2 2s.), *Preliminary Scientific Course (Manchester College of Technology),* J. A. Hesketh (given by the Manchester Pharmaceutical Association).

Prize (value £2 2s.), *Preliminary Scientific Course (Salford Royal Technical College),* Ernest Pedley (given by the Salford Pharmaceutical Association).

The Speeches and Votes of Thanks

MR. SIMMONS said it was very regrettable that Mr. Franklin was not well enough to be present at their fifth speech-day ceremony. Mr. Franklin had sent him some notes, which he would endeavour to pass on. After his own comments regarding the work done by the Council and the various committees at Bloomsbury Square, Mr. Simmons said it was a pity that more young men did not consider pharmaceutical politics of sufficient interest to merit more of their time and consideration. It certainly was more than a part-time job, and he was of the opinion that this had something to do with the fact that so many of the members of the Council were men past middle age. Mr. Franklin, Mr. Simmons continued, advocated every student keeping himself abreast of the times by reading the literature distributed by prominent manufacturers. If they read their trade journals thoroughly they would always find some useful hints and information regarding the latest products. They were indispensable as a business proposition. Mr. Franklin also advocated the advantages to the younger generation of attending more meetings and getting in touch with their fellow beings both in work and play. In conclusion, Mr. Simmons said he would like to extend his hearty congratulations to Mr. Grier and Mr. Brindle for their work at the University. He congratulated the winners of the medals and prizes, and said he was particularly pleased to welcome the Leverhulme scholarship medallist, Mr. H. C. Dumler, a Manchester man.

MR. BRINDLE, in proposing a vote of thanks to Mr. Simmons for his address, said that he had listened to many speeches of a similar nature but had not heard one which he considered so inspiring. Manchester had not done too well in the various scholarships this year, but Manchester looked forward to a bright future.

MR. E. STABLER proposed a vote of thanks to the donors of the prizes, and paid a tribute to their continued support and generosity.

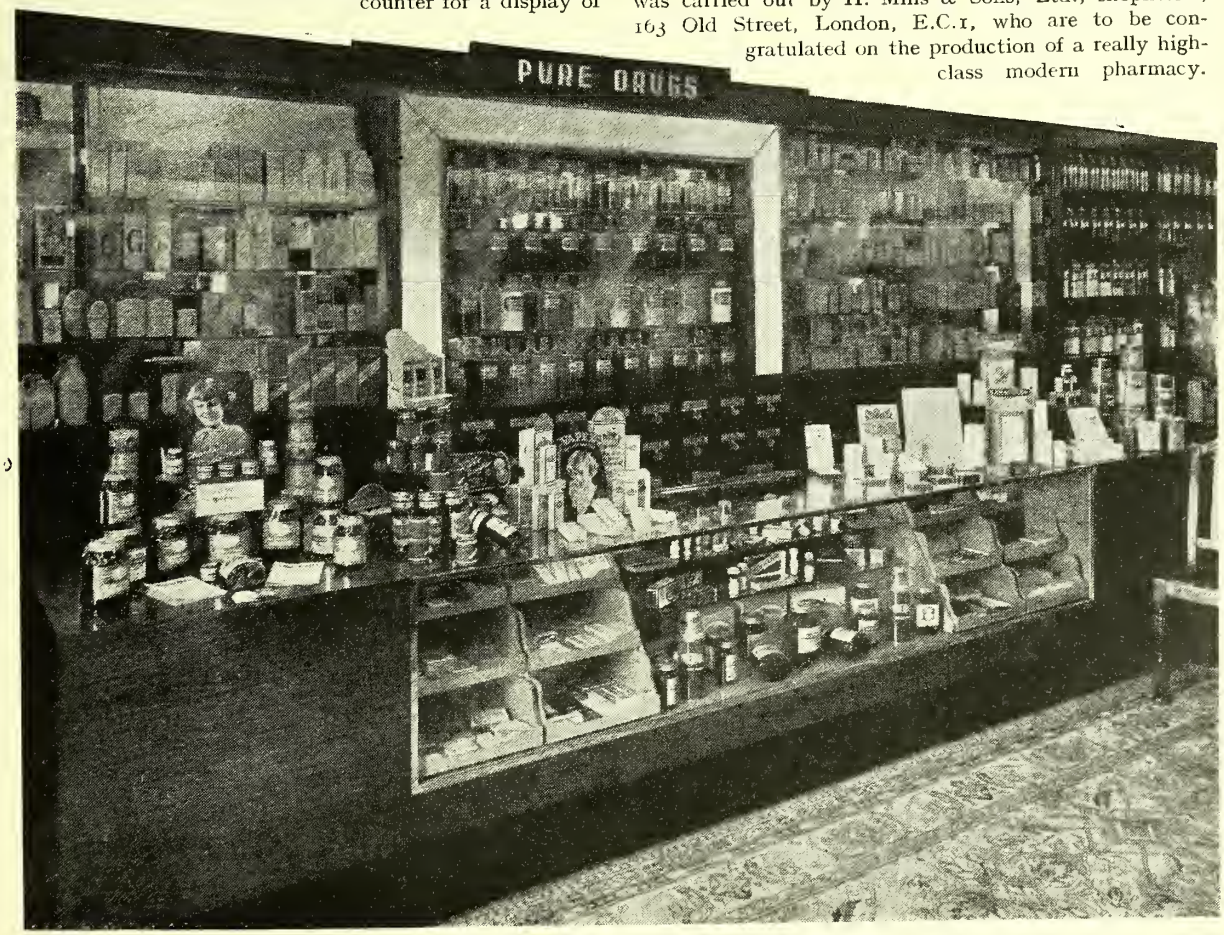
At this point the delegates appointed by the Branch to attend the British Pharmaceutical Conference last July were asked to give a report on the following sections:—Mr. T. Miller on the delegates' meeting; Mr. Walmsley and Mr Brindle on science meetings; Mr. Wood on presentation of the presidential chair; Mr. Cleworth on Sports Day (golf and tennis); Mr. Scholes on Sports Day (bowls); Miss Roberts on social functions. This was an innovation which gave much satisfaction.

MR. EDWARDS (president of the Salford Pharmaceutical Association), in proposing a vote of thanks to the chairman, said he had thoroughly enjoyed the speeches and particularly that of Mr. Simmons, whom they looked upon as a pillar of strength.

A New Sutton Pharmacy

THE illustrations on this and the facing page show the features of a typical modern pharmacy recently opened at 3 Station Parade, Sutton, Surrey, by Mr. H. H. Fisher-Greene, chemist and druggist. The pharmacy occupies a prominent position some few yards south of Sutton railway station, close to a good-class residential district. The windows are arranged to give the maximum amount of space for display; the enclosures are of figured walnut with a parquet walnut floor. A detachable plate-glass pelmet, embossed with contrasting tones of acid, is provided round the top of the windows, forming an efficient screen for the electric lamps and reflectors. The risers are fixed in two tiers with stepped-back effect, the upper portion being of Swedish-green marble and the lower part of black marble. The framework is in bronze metal, toned down and cellulose sprayed to give a dignified appearance generally. The lobby is tiled with white Sicilian marble, while the facia is of black alabaster glass with bronze letters filled in with cream enamel. A neon sign reading "Dispensing Chemist" hangs just below the glass pelmet. The interior fittings are of walnut and the general layout is arranged to give the maximum amount of display space. The old idea of building up the counters and so tending to hide the wall cases is discarded, and a special feature is the opal glass surrounds,

illuminated from behind by means of "strip" lighting. The dispensing counter is also designed to give full view of the central wall display case. During a recent visit to the pharmacy we noticed that Mr. Fisher-Greene has taken full advantage of the interest which can be aroused by dispensing in view of the public. The dispensing department is so arranged that manipulation can be carried out on the glass centre counter, i.e., in view, or, if desired, behind either of the two screens. In any case, Mr. Fisher-Greene considerably enhances his professional prestige by a display, on the glass dispensing counter, of scales, apparatus and standard works of reference. Advantage is taken, too, of the space available below the dispensing counter for a display of medical requisites. The serving counters have a central display case with display serving trays on either side; the ends are in figured walnut with ebonised double recessed skirtings. Other points of interest which attracted our attention were the good shop and window lighting, an electric clock fitted over the dispensing screens, and the use of sliding glass panels in most of the fittings. The whole of the floor space is covered with rubber, while between the two counters is a Persian design carpet giving a warm and cheerful appearance. Mr. Fisher-Greene, although recently established, already finds a favourable reaction on the part of customers to the many suggestions of professional service embodied in the general layout. The shopfitting was carried out by H. Mills & Sons, Ltd., shopfitters, 163 Old Street, London, E.C.1, who are to be congratulated on the production of a really high-class modern pharmacy.



Bradford and the New Pharmacy Act

A MEETING of the Bradford and District Branch of the Pharmaceutical Society was held on October 5, when the president (Mr. F. E. Burdett) devoted his address to his impressions of the effects of the Pharmacy and Poisons Act, 1933, on the craft, and to means of improving the position of the chemist.

The Presidential Address

MR. BURDETT said that chemists must be prepared for the gradual bureaucratisation of the Pharmaceutical Society. Officials would increase greatly in number, and more power would creep into their hands. Pharmacists would experience a great deal more discipline than they had hitherto been accustomed to. Mr. Burdett regarded the power to remove a man from the Register as capable of extremely wide interpretation, and felt certain it would mean that many reprehensible practices indulged in by what he would call the less respectable type of chemist would have to stop. Unfortunately, with all this new demand on the manners of the craft, he failed to see anything in the Act likely to give the chemist more of the financial wherewithal to sustain his new dignity. As a matter of fact, to his mind they had lost substantially by giving away some factors which, while they did not bring much grist to the mill, did at any rate mark chemists out as something above the grocer. Under the new Act any respectable trader could secure a licence to sell poisons, and if he was a responsible person the local authority would have no option but to grant it without any kind of inquiry as to whether the district was already adequately served.

Another point demanding careful watching, and one to which he thought every chemist had a right to object, was that giving the Council of the Pharmaceutical Society power to make or alter by-laws without the necessity of submission to the members of the Society. Subject to the consent of the Privy Council, the Society s Council, if it happened—as an extreme instance—to have views and a policy in conflict with those of the general body of members, could make alterations which might be most detrimental to the majority, whose only remedy would be to turn out the members of the Council when they next came up for re-election, or the doubtful alternative of calling a general meeting by thirty or more members.

Turning from losses to gains under the new Act, Mr. Burdett confessed that he found it rather hard to discover them, and he thought the enthusiasm of delegates at the recent Conference must have been the result of good entertainment rather than hard thinking. (Laughter.) While many chemists might put the inspection of pharmacies down as a loss to the craft, his view was that it was, perhaps, rather a gain. Primarily the inspectors' duty would be to see that the provisions of the Act were carried out, but their visits would be largely of an advisory character. It was probable their visits would result in a general smartening up of dispensing departments in the back shop. If the inspectors brought about a change in that respect it might be that they would even—with the advice and guidance they could give on doubtful points—be worth the money they were going to cost. Another gain he could see in the new Act was the compulsory membership of the Society. The unqualified man could no longer use the word "pharmacy" on his premises; but whether the gains would outweigh the losses for chemists only time could tell. However much some chemists may feel that they had been betrayed on the Royal Commission, they had to face the fact that the new Act was now law, and they must make the best of what he and many others doubtless regarded as a rather bad job.

As to the future, chemists were all agreed that as they were specially trained for dispensing of medicines this was a task that should be entrusted solely to them. There were sound reasons of public safety to support that contention. They had to realise that doctors had had this privilege for a long time and, whether for ethical or mercenary reasons, were not likely to give it up unless offered some substantial financial inducement. Chemists could not offer such inducement, but surely it could be brought about by Government action without any disadvantage. It was not beyond possibility that insurance service may be extended to dependants of insured persons, when presumably the dispensing would go to the chemist, and when the fees received by the doctor would amply compensate him for the loss of income from the sale of medicines to such people. If that came to pass, therefore, it might be that doctors would find it not worth while to continue dispensing for the remaining few patients not covered by the insurance service and that the chemist would eventually get all the dispensing. It had to be recognised, also, that methods of treatment were radically altering and that dispensing as now known would become less and less. Doctors might have to depend more on the chemist because they would have neither time, equipment, nor perhaps knowledge, to prepare the prescriptions. Presuming that chemists got this new type of dispensing, they must realise that the work would probably be at insurance rates; and if it were offered there would be a demand for a *quid pro quo* by concession on all prescribing and probably the sale of other remedies, so on the balance it might merely become a case of "out of the frying pan into the fire" unless chemists looked at it from the long point of view and trusted to the future to produce eventually the dispensing at something like the terms obtaining for private work.

In the meantime the present generation of chemists had to carry on and do the best they could with the crumbs falling from the specialist's table. Such crumbs, unfortunately, were few, and those waiting at the table were many. To his mind, chemists' tastes and requirements were too humble. In this content with small things lay one of their great weaknesses, because it allowed too many chemists in a district just to carry on where a smaller number would be in a far happier position. Drastic diseases demanded drastic remedies, and he would venture to suggest a remedy which would hurt some for the time being but would ultimately be better for all. The restriction of entrants into pharmacy was slow and would take many years to be felt. As a more immediate remedy Mr. Burdett suggested that instead of the registration fee of £2 or £3 suggested under the new Act, there should be a registration costing £50 or £100 per annum. The money would be paid into a central fund to be known as the Compensation Fund. It would put out of business those whose turnover did not warrant so high a fee, and they would then apply to the proper authority for compensation from this fund, on which the individual would retire or take employment. This process of weeding out, he suggested, should continue until a condition of, say, one pharmacy to 5,000 of population had been reached. That was a theoretical figure which with experience might have to be readjusted. On reaching this position the high registration fee would cease and be replaced by the more permanent £2 or £3, because by that time the restriction of admissions into pharmacy would be having effect.

Discussion

MR. W. SUTCLIFFE referred to the confusion occurring in discussions between pharmacists as between Parts I and II of the old Poisons Schedule and Parts I and II of the new, and he thought it might be as well to adopt the word "Division" instead of "Part" in respect of the new Act. He did not think an article like paregoric would be put in the same category as arsenic, belladonna, etc., and it would seem rather ridiculous to ask a customer to sign the poisons register for paregoric.

MR. J. A. WHITE asked if the licence for vendors under Division II would be the same as for chemists under Division I of poisons.

MR. BURDETT said it was probable the local authorities would fix the licence for Division II, but it had been stated the cost of that licence must not exceed £2 2s.

MR. SUTCLIFFE remarked that vendors under Division II would, like chemists, have to meet the demands

of the inspectors, a matter which had not concerned them before, and that as well as the price of the licence might reduce their number considerably.

MR. J. W. THORPE, while appreciating Mr. Burdett's suggested scheme of a high registration fee, thought the figure of £100 per year was too high and would limit entry into pharmacy to the man who was born with a silver spoon in his mouth. That type might not be as good a pharmacist as the fully trained struggling man. His (Mr. Thorpe's) own preference as a means of restricting pharmacies would rather be under Government control on the Continental lines. So high a registration fee as advocated by Mr. Burdett would mean that many desirable pharmacists might have to remain assistants all their lives. Further, he could not possibly see how the chairman's scheme would really increase employment in pharmacy very much. Take, for instance, a district with three pharmacies—one employing two assistants and the others three each. If two of the pharmacies closed down, could the remaining one absorb the whole of the staff, not to mention the dispossessed proprietors, of those closed down? Centralising business seemed, on the contrary, to result in reduction of places for staff.

A MEMBER said an objection to Mr. Burdett's suggestion was that multiple firms, who seemed to have unlimited capital, might set out to buy up businesses and still keep up the competition which it was sought to reduce.

MR. SUTCLIFFE said many young people on qualifying to-day were able to secure the money to open business, and they had a tendency to establish themselves in districts already well served and proceeded to make all sorts of changes in methods and create a disturbance which became very unsettling.

In expressing thanks to Mr. Burdett for his address, MR. R. T. SILSON said there were a good many features about the outlook for the future which made one feel a little indignant. If Mr. Burdett's scheme, for instance, came to pass it would simply mean that the wealthier capitalists were going to run pharmacy of the future.

MR. BURDETT, replying to the vote of thanks, said his scheme may well be considered somewhat of a "wild cat" nature, but its main idea was to raise the status and remuneration of pharmacy rather than be a guarantee of increased employment. He did not consider the high registration fee exorbitant, because obviously, if a substantial reduction in redundant pharmacies was to be effected, a large sum of money would be required for compensation, and those who enjoyed the benefits of remaining had a right to find that money. It might be rather cruel on some people in the first few years, but it would right itself. In answer to the suggestion of multiple firms buying up pharmacies, he would point out that the tendency in the past ten years, as illustrated in Bradford, was at least two to one private shops against company shops.

Association Meetings

Belfast.—The monthly meeting of the Executive Committee of the Ulster Retail Drug Trade Association was held in Belfast on October 3. The president (Mr. S. J. Hudson) occupied the chair, and there was a good attendance of members. The president, on behalf of the Committee, congratulated Mr. Walter C. Tate on his election to the Council of the Pharmaceutical Society of Northern Ireland. A letter from Dr. Trimble (chief tuberculosis officer, Belfast) was read, regarding tuberculosis dispensing; after a brief discussion the letter was referred to the subcommittee dealing with this matter. The secretary submitted a report from the legal advisers of the Association regarding the proposed incorporation of the Association. In view of the comprehensive nature of the report it was unanimously agreed that a subcommittee be formed to consider fully the various points mentioned, and submit its conclusions to the Executive Committee at a later meeting. The president, vice-president, secretaries, Messrs. C. Abernethy, J. C. Culbert, James Dundee, W. J. Hardy, P. R. W. Shinner, James McDowell and Walter C. Tate were appointed to act in this respect. Mr. S. Dale (Londonderry), in a letter apologising for his inability to be present, stated that at a meeting of the Derry Association it was unanimously agreed that the Government of Northern Ireland should be approached with a view to the restoration of the former rate of payment for N.H.I. prescriptions. The secretary was instructed to reply explaining that representations to this effect had been made on various occasions by the U.R.D.T.A., but without any immediate result. Various price alterations were approved.

London (S.E.).—The winter programme of the South-East London Chemists' Association opened with a visit to the Houses of Parliament on September 28. The party, numbering fifty, and led by the president, Captain J. J. G. Hay, M.C., was received in Westminster Hall by Sir George Hume, M.P., by whom they were escorted over the entire building. A vote of thanks to Sir George Hume was expressed by the president. In his reply Sir George remarked that Captain Hay had made his maiden speech in the House of Commons.

Wallasey.—At a meeting of the Committee of the Wallasey Pharmacists' Association, held recently, the programme for the coming winter session was provisionally arranged. On October 26 members will be entertained by a "Hat Night," when certain questions will be debated. In November a whist drive is to be held in aid of the Pharmaceutical Society's Benevolent Fund. January provides a "cinema" evening, February the annual whist drive and dance at the Grosvenor Assembly Rooms, and the annual general meeting is to be held in March.

Women Pharmacists.—The opening meeting of the National Association of Women Pharmacists was held on October 5 at 17 Bloomsbury Square, London, W.C.1, the president (Miss Hodgkinson) in the chair. Mr. J. P. Gilmour, in the course of an address on *Some Passages in the History of British Pharmacy*, pointed out the great advantage of knowing something of our antecedents, and said we should be concerned with as much of the past as can reasonably have a bearing on the future. Mr. Gilmour's lecture came under three heads:—(1) The pre-historic period; (2) the ancient and mediæval period; and (3) the recent period. After replying to questions Mr. Gilmour was accorded a hearty vote of thanks, proposed by Miss Blundell.

Coming Events

This section is reserved for advance notices of meetings or other events. These should be received by Wednesday of the week before the meetings, etc. occur.

Wednesday, October 18

Birkenhead and Wirral Pharmacists' Association, Woodside Hotel, Birkenhead. Opening meeting. Mr. W. Deacon (a member of the Society's Council) on "X-Rays in Science, Industry and Crime."

Guild of Public Pharmacists, 17 Bloomsbury Square, London, W.C.1, at 7.30 p.m. Mr. A. L. Bacharach, M.A., F.I.C. (chief chemist to the Glaxo Laboratories) on "The Public Pharmacist and the Industrial Chemist."

Manchester Pharmaceutical Association, Junior Branch, Piccadilly Cinema Dance Saloon, 8 p.m. to 12 p.m. Dance, tickets, single, 3s. 6d., double, 6s. 6d., including refreshments.

Thursday, October 19

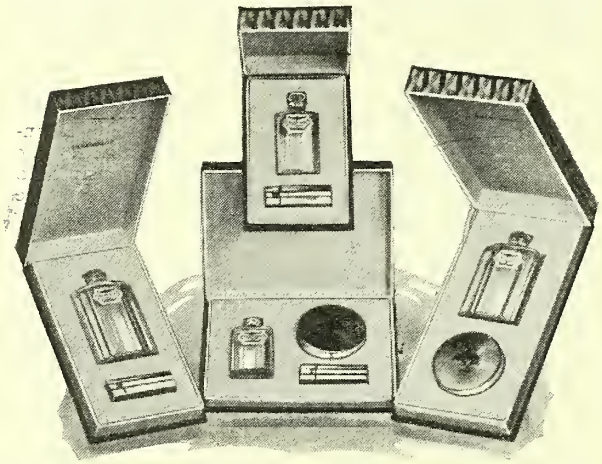
North-East and East London Pharmaceutical Association, St. John's Institute, Urswick Road, Hackney, at 3 p.m. Meeting, address by Mr. G. A. Mallinson (secretary of the National Pharmaceutical Union) on "Publicity."

West Ham and Eastern District Association of Pharmacists and Branch of the Pharmaceutical Society, Junior Section. St. James's Hall, Forest Gate. Dance.

THE NATIONAL INSURANCE FORMULARY will come into operation in Birkenhead, Wallasey, Chester and Cheshire on January 1, 1934. In Liverpool, Bootle, Southport, Wigan, St. Helens, Warrington and Stockport it came into operation as from October 1.

Trade Notes

HOUBIGANT GIFT SETS.—Parfumeries de Paris, Ltd., Larden Road, Acton, London, W., have sent us samples of four Houbigant gift sets for the Christmas trade. Though Messrs. Houbigant do not specialise in coffrets,



those available are of the usual high standard associated with all their preparations, and it is interesting to note that their publicity for the Christmas season in the high-class journals is in the nature of a prestige campaign.

MR. ED. C. ANAWATI, Alexandria, is desirous of getting in touch with manufacturers connected with the drug trade who might wish to supply their products to the Egyptian Government administrations.

ANTIPHLOGISTINE.—The Denver Chemical Manufacturing Co., 41 St. Ann's Road, London, E.3, ask us to state that the reduced prices for veterinary Antiphlogistine, mentioned in their anouncement in the *C. & D.*, October 7, do not apply to the Irish Free State.

SHOP WINDOW LIGHTING.—The General Electric Co., Ltd., Magnet House, Kingsway, London, W.C. 2, who have for many years specialised in shop window illumination, issue a folder (F6344) dealing with this matter, and a copy of it will be sent post free on application. It should be noted that the company guarantee their Gecoray reflectors for five years against peeling or tarnishing.

GIFT SETS BY J. & E. ATKINSON, LTD.

CRINEX, which is described as total extract of ovary, rich in folliculin, for oral administration, is distributed in this country by The Continental Laboratories, Ltd., 30 Marsham Street, London, S.W.1.

STOMO-TABS.—Mr. H. Chase Mason, 9 Greencourt Gardens, East Croydon, Surrey, is now solely engaged in the marketing of Stomo-tabs, the antiseptic tablets originated by his late father, Mr. H. Huxley Mason.

AN attractive show stand for displaying National Mark malt extract and malt and oil is obtainable free of charge from the Secretary, Department M6, Ministry of Agriculture and Fisheries, 10 Whitehall Place, London, S.W.1.

CINE PROJECTORS.—Thomas Christy & Co., 4 Old Swan Lane, London, E.C.4, are the distributors of Coronet ciné projectors and screens. The former are suitable for use on various A.C. or D.C. voltages. The projector can also be supplied for running on 6-volt accumulators. The screen provides for a picture 30 in. by 20 in.

RETAIL PRICE LIST.—The prices of certain of the serological products of Allen & Hanburys, Ltd., Bethnal Green, London, E.2, given in the October 7 issue of THE CHEMIST AND DRUGGIST Retail and Dispensing Price List should have been as follows:—*Concentrated Diptheria Antitoxin*, 2,000 units, 3s. 3d.; 4,000 units, 6s.; 6,000 units, 8s. 9d.; 8,000 units, 9s. 6d. *Tetanus Antitoxin*, 16,000 units, 17s. 6d.; 20,000 units, 20s.

ODORONO.—The liquid preparations sold under this name have long been familiar to chemists, and now J. C. Gambles & Co., Ltd., 211 Blackfriars Road, London, S.E.1, the distributors, inform us that an Odorono compact powder has been placed on the market. This is stated to be an efficient deodorant, and in this form has obviously advantages over many of the perspiration correctives hitherto used. As will be seen from the illustration, it is attractively packed. Messrs. Gambles also remind us of the Cutex Christmas bonus, available during October only. Most of our readers will have received particulars of this offer, which, to secure the best terms, should be taken advantage of without delay.

TUITION IN OPTICS.—Mr. C. A. Scurr, chemist and druggist, 50 High Street, Barnet, London, N., who specialises in correspondence courses for students wishing to obtain an optical qualification, will send a copy of his prospectus to anyone interested.

H. E. STEVENSON & CO., LTD., 10 Pancras Lane, Queen Victoria Street, London, E.C., are offering two malt extract products of interest to chemists. Vitamin malt is stated to contain vitamins A, B and D; the other combination is malt extract with halibut-liver oil. Both preparations are packed in square glass jars with screw caps and attractively labelled.

HEALALENE, an ointment for hæmorrhoids, is supplied by Healalene Products Co., 78 New Oxford Street, London, W.C.1.

BEECHAMS LUNG SYRUP.—Beechams Pills, Ltd., St. Helens, Lancashire, in launching this product, are making a special bonus offer, particulars of which are given elsewhere in this issue.

W. B. CARTWRIGHT, LTD., manufacturing chemists, Rawdon, Leeds, have organised a Moorland window dressing competition. Details of the bonus offer and the display contest will be sent on request.

MALTED OATMEAL.—Blakey's Food Co., Ltd., Lincoln, announce that they are about to commence a national advertising campaign in respect of their Malted Oatmeal. Display matter for use by chemists will be sent on application.

Births

Notices for insertion in this column must be properly authenticated.

HUGHES.—At Warmsley, Bury, on October 6, the wife of J. Trevor Hughes, chemist and druggist, of a son.

WAIDE.—At Brook Royd, Weeton, Yorks, on October 8, the wife of Thomas V. Waide (a director of Thomas Waide & Sons, Ltd., Leeds), of a daughter.

Marriages

FALDER — SCARSBROOK. — At Windsor Methodist Church, on September 20, Arnold Nicholson Falder, chemist and druggist, to Rose Scarsbrook.

FYFFE—MATTHEWS.—At Helen's Bay Presbyterian Church, co. Down, on October 2, J. A. Fyffe, Ph.C., Bangor, to Freda M. Matthews.

LATTIMER—HAMPTON.—At the Roxburghe Hotel, Edinburgh, on September 30, John Lattimer, chemist and druggist, to Mary J. McDonald Hampton.

MITCHELL—HORNBY.—At St. Helen's Church, Cocksburnpath, on September 20, James Mitchell, chemist and druggist, son of Mr. William Mitchell, chemist and druggist, Earlston, Berwickshire, to Mary Roberta Hornby.

SPAANDERMAN—WANDER.—At the Parish Church, Kirton, Lincs, on September 18, Peter D. J. Spaanderman, chemist and druggist, Huthwaite, Notts, to Rosalie Mary Wander.

Deaths

BARNES.—In a nursing home, on October 3, Mr. Alfred James Barnes, L.A.H.Dubl., L.P.S.I., 47 Savernake Road, London, N.W.3, a past-president of the Pharmaceutical Society of Ireland. Dr. Barnes obtained his medical qualification in 1900, after serving an apprenticeship in the Harcourt Pharmacy, Dublin, which he subsequently purchased. He became a member of the Pharmaceutical Society of Ireland in 1902, served as an examiner to the Society for five years, and was elected to the Council in 1916. During that period he was a founder of the Dublin and Provincial Retail Drug Association (becoming president in 1915), and promoted the interests of the Proprietary Articles Trade Association in Ireland. He was for some time a vice-president of the P.A.T.A. In 1919 Dr. Barnes followed Mr. J. E. Connor as vice-president of the Pharmaceutical Society of Ireland; two years later he was elected president, and held office for three years. He was an accomplished pharmacist on the literary as well as on the commercial side, and in 1917 contributed a war-time story entitled "£200 an Ounce" to THE CHEMIST AND DRUGGIST. He retired from practice in 1928, and took up a position as medical representative to Menley & James, Ltd., manufacturing chemists, 64 Hatton Garden, London, E.C.1. Dr. Barnes leaves a widow, a son and a daughter.

CHESEBROUGH.—At Spring Lake, New Jersey, U.S.A., recently, Mr. Robert A. Chesebrough, the originator of vaseline, aged ninety-six. The invention of vaseline by Mr. Chesebrough about the year 1870 was the outcome of numerous experiments. His primary idea was that its use should be chiefly internal; shortly after its introduction he had a severe attack of pleuro-pneumonia, and attributed his recovery to the fact that he was allowed to take vaseline to the exclusion of other medicines. Its universal popularity dates from the Paris Exhibition of 1878. In a *C. & D.* competition that was held in 1894 it tied with Epsom salts as the substance most frequently sold by chemists.

CRABTREE.—At Abergele, North Wales, recently, Mr. William Newton Crabtree (Newtons (Royton), Ltd., chemists, Royton, Oldham), aged forty-eight.

WOLLAGE.—At Southampton, recently, Mr. Reginald Maxwell Wollage, chemist and druggist, aged thirty-two.

STUART.—At his residence, Valetta, Livingstone Drive, Sefton Park Liverpool, recently, Mr. Thomas Wilson Stuart, aged eighty-seven. Mr. Stuart was appointed chemist in 1866 at the Gateshead works of Messrs. Allhusen, and was subsequently general technical manager to the United Alkali Co., Ltd.

WALSH.—On October 7, Mr. Ernest William Walsh, Ph.C., assistant to Mr. E. Rudd (secretary of Blackburn Chamber of Commerce). Mr. Walsh passed the Major examination in 1899.

Personalities

MR. CHARLES JOHN HEWLETT, elder son of Mr. Vivian C. Hewlett, Ph.C., has joined the staff of C. J. Hewlett & Son, Ltd., manufacturing chemists, London, E.C.2. Mr. Hewlett, jun., is the great-grandson of the founder of the business.

MR. CHARLES BELL (managing director, Charles Zimmermann & Co. (Chemicals), Ltd., London, E.C.) was taken ill on October 8 and removed to a nursing home at Bromley, Kent, where he was immediately operated on for appendicitis. It is understood that Mr. Bell is progressing as well as can be expected.

AMONG the interesting articles shown at the Exhibition of Inventions, which is being held at the Central Hall, Westminster, London, S.W.1 (closing date, October 14), is one by Major E. Gane Inge, chemist and druggist, 53 Caithness Road, London, W.14. This is a small metal attachment for electric lamps for vaporising such substances as perfumes, insecticides and so forth.

Business Changes

MR. TURNER BELL, chemist and druggist, has removed from 31 Woodbine Street to larger premises at 9 Woodbine Street, South Shields.

MR. F. MELLOWS, chemist and druggist, has acquired the business of Mr. T. A. Nettleton, chemist and druggist, at 24 Brighton Street, Seacombe, Wallasey.

WOOLDRIDGE'S MEDICINE CO., LTD., have removed from New House, Hatton Garden, E.C.1, to Suffolk House, Laurence Pountney Hill, London, E.C.4. Telephone: Mansion House 2991.

MR. THOMAS MOORE, chemist and druggist, has retired from the business of W. J. Moore & Son, chemists, 24 Murray Place, Stirling, and Mr. Donald McGregor, chemist and druggist, who has been managing partner, will continue the pharmacy under his own name.

Telegrams: "Atoleine Sedist, London."

Telephone: Bermondsey 1141

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Information Department

INFORMATION WANTED

Postal or telephone information with respect to makers or first-hand suppliers of the undermentioned articles will be appreciated.

C/910. Art Gum for cleaning suède shoes
F/219. Arkon malt and iron
C/110. Collosan
L/110. Fitdog food for dogs
B/110. Holesterol
W/910. Juliekomb wave-setting combs
L/110. Mixovite food for dogs
T/289. Mulse's inoculations for cattle
W/310. Pompadour milk of oatmeal
M/110. Prep (for shaving)
H/910. Slendine-Valetta (for slimming)

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An Inflexible Rule

At the time sterling left the gold standard in September, 1931, a general rise in commodity values was looked upon as a natural sequence to the devaluation of our money. The introduction of the general tariff of 10 per cent. under the Import Duties Act, 1932, was, according to opinion at that time, certain further to affect the sale prices of the many products, particularly those which had to be imported. The same view was held regarding goods covered by the Ottawa Agreements Act, 1932. Logical reasoning supported the confident and accepted forecasts that with the loss of purchasing power of the £, the institution of a general tariff, and Empire preference duties, a general advance in the cost of raw materials and manufactured goods was inevitable, at least in this country. A review of prices quoted two years ago with those ruling to-day indicates that, in the first place, there has been no general and comparable advance in values and, secondly, that where values have appreciated substantially, the cause for the upward movement has been chiefly some ordinary commercial factor, such as, for instance, control by monopoly or shortage of supplies. Again, when the American dollar was substantially discounted in April last and has since remained at about two-thirds its normal value, the main object aimed at was that of effecting a rise in prices.

Comparative Values

So far as quotations from that source for shipment are concerned, an advance in dollars is by no means general, and where it is noted it seldom fully compensates for the exchange loss on the dollar. According to the index of comparative market values published in America, the increase since the dollar left par in some eighty typical manufactured chemicals shows an average advance in dollars and cents of 1·4 per cent. and a mixed group of about one hundred drugs, spices, oils and similar natural and semi-manufactured products show an average increase of 13·2 per cent. The recovery in the latter group may seem fairly satisfactory, but the current market prices of these products are still only equivalent to 73·6 per cent. of the values quoted in August, 1914, whereas the manufactured chemicals group stands at 76·8 per cent. over the middle 1914 market prices. A comparison of market quotations in this country gives very much the same results. The groups of typical natural products are, in general, to-day quoted at little more than they were in 1914, and the average increase since the £ went off the gold standard and the general import tariff became operative is no more than negligible, with isolated instances of depreciation recorded. In the manufactured chemicals section to-day's values are estimated to be about 30 to 40 per cent. up on pre-war prices, but very little of this appreciation has taken place during the past two years.

Outstanding Features

The outstanding features of this review of market values is that restricted but fairly substantial monetary inflation is not compensated by a corresponding and sustained rise in commodity values, and that the introduction of import tariffs is not followed by an equivalent and permanent move up in sales prices. It may reasonably be adduced that neither currency inflation nor general tariffs have proved themselves useful factors in bringing values back to an economic level. If current sterling prices for the majority of open markets are converted back on a gold basis and an allowance made for the 10 per cent. import duty, the results are really astonishing, showing a number of substantial losses when compared with the values quoted on the markets two years ago. What is the reason for this failure of the markets to carry and maintain such definite factors as the £ dropping to approximately 13s. in exchange value and the dollar depreciating to a similar extent? Why is it that not a few products, some of which we have to import, are to-day quoted no higher than they were before the general tariff became operative? Has monetary inflation, with its accompanying daily exchange fluctuations, defeated its own objective by seriously handicapping and restricting trade, and has the almost universal imposition of import tariffs and similar trading restrictions, served the purpose only of emphasising that commodity values are governed by the old and apparently inflexible rule of supply and demand?

Valerian as a Dangerous Drug

From a recent issue of "The Journal of the American Medical Association" (101, 13) we learn that in the United States—or is it only in the State of New York?—the sale of valerian and its preparations is now subject to restrictions as severe as those to which we are accustomed in respect of so-called "dangerous" drugs. Our contemporary's account is entertaining:—

". . . The health commissioner of New York has placed the sale of valerian and all its derivatives under strict control, so that they may now be sold only on prescription by licensed physicians and veterinarians. Furthermore, all manufacturers of the drug or of any proprietary medicine in which it is used must state the specific amount of the drug contained in each container or package of medicine. These manufacturers as well as dispensing pharmacists must keep complete records of all valerian or any of its derivatives passing through their hands. Indeed, the control of this drug is to be as rigid as that accorded to opium and its derivatives under the Harrison Narcotic Act. Strangely, however, this control is exercised not because of any remarkably potent value or any lack of virtue attaching to valerian in the field of medicine, but simply because its odour is so all-pervading, so penetrating and so obnoxious that it has come to be the chief constituent of what is commonly called a "stink bomb."

The health commissioner is quoted as saying, in an interview, that the odour of valerian, when used in such bombs, does "irreparable harm." We in this country may think ourselves sufficiently remote from such conditions to be able to smile; but are we? And if valerian, what of rhubarb and senna, which, as we may infer from a question in "Macbeth," have (or had) a potential value in military operations? It looks as if the next task of civilisation will be to make the world safe for drugs.

Pharmaceutical Society of Ireland

Annual Meeting

THE fifty-eighth annual meeting of the Pharmaceutical Society of Ireland was held at 67 Lower Mount Street, Dublin, on October 2, Mr. P. Brooke Kelly (president) in the chair. The attendance included Messrs. F. J. Fitzpatrick, J. Gleeson, C. Cremen, T. J. Smith, D. Warwick, J. T. Dwyer, J. A. O'Rourke, Dr. J. A. Mitchell, Miss F. M. Flood (members of the Council), and Messrs. R. Bates, J. K. Whelehan, P. J. Killacky, M. J. O'Callaghan, F. J. Barragry, T. J. McCabe, Dr. J. A. Walsh, J. Duggan, A. Farrington, H. J. Sumner, M. V. Sargent, W. Jones, G. H. Batt, M. O'Donnell, W. F. Herlihy, F. McNally, B. P. Hickey, T. C. Scott, F. P. McDonnell, M. J. Mullan, Thomas Larkin, Gerald C. O'Neill and D. Murphy.

The minutes of the last annual meeting were read and adopted.

Council Election Result

The report of the scrutineers for the Council election was read. [This was printed in the *C. & D.*, October 7, p. 440.]

President's Speech

THE PRESIDENT said: Ladies and gentlemen, you have heard the declaration of the poll, and I have much pleasure in declaring the following elected to the Council:—Messrs. D. Warwick, P. J. Fielding, J. Duggan, T. J. Smith, P. Brooke Kelly, A. Farrington and B. Hickey. (Applause.) I am glad to meet you once more to-night, and delighted to announce that there is an increase in membership of four ordinary and four life members. There is a large increase in income and a decrease in expenditure, and an increase in investments, while the Schools make a greatly improved show.

The outstanding events of the past year have been the compulsory establishment of a three months' course in pharmacy, the abolition of our Preliminary examination, the substitution of the Matriculation for it, and now coming as a climax we have the completion of our work in the last stage of the buying in of the lease which opens the door to the enlargement of your building, the establishment of a new Chemical Laboratory and also one for pharmaceutical, materia medica and botanical research. I must also mention the extension to three hours of the test in pharmacy, leaving nothing to chance in the test which your future licentiates shall have to submit to.

We hope in the future to control by inspection the pharmacies where apprentices are trained, and insist on adequate provision therein for training. I had hoped to see during my term some means of doing this by short terms spent at the school during the term of apprenticeship. But who knows but we will see this accomplished to the betterment of pharmacy and the better service to the public?

All this is the result of a carefully prepared plan which has imperceptibly been worked out step by step, for we have foreseen for several years that pharmacy must keep pace with the times, and that a crammed examination means nothing if a permanent impression laying the foundation of autonomous production is not safeguarded by careful systematic, theoretical and practical preparation here in our schools. We have seen this year a new Pharmacopœia laying down new biological standards, sterilisation and several innovations which will make the progress which I have referred to imperative and immediate. (Applause.)

Treasurer's Statement

MR. F. J. FITZPATRICK (treasurer), submitting the statement of accounts and balance sheet, said his was a very happy task indeed that night. Good wine needed no bush, so he would be as brief as possible. For the exceptionally good balance sheet they had this year he would personally like to express his thanks to his colleagues on the Council and the registrar for the help they had given to bring about this very desirable state of things. He was glad to be able to report that expenditure was down by £250 on last year. Of all the figures that was one of the most satisfactory to be thankful for. There was a surplus of income for the year of £1,152 as compared with £208 last year. The income from members' subscriptions and dividends and sundries compared favourably with last year, but the net income from Schools and examination fees showed a marked increase on last year's figures. The total cash in hand and at bank amounted to £254, compared with £53 last year. Investments had increased by an additional purchase of £654 third National Loan at a cost of £700, making the total investments at cost £7,094. The stock of utensils stood at the same figure as last year. Additions to furniture included an expenditure of £30 on a machine for the office. A reversionary interest in the lease was purchased during the year for £200, and the premises now stood in the balance sheet at £1,100. They were hoping in the near future to have the new lease completed. Sundry creditors amounted to £228, compared with £279 last year. The figure for capital now stood at £8,977, against £7,825 on September 1, 1932. The Schools showed a most satisfactory improvement and made a profit in every case, the details of which they would find in the accounts circulated. That concluded a statement which was a happy one for him to make and which he hoped was satisfactory for the members also. (Applause.)

MR. D. WARWICK moved the adoption of the balance sheet, which he said was a very creditable one indeed.

MR. MULLAN (Armagh) seconded the motion, which was carried unanimously.

Vote of Thanks

MR. SUMNER moved a vote of thanks to the president for his able occupancy of the chair during the past year. It was all very well for Mr. Fitzpatrick to give the credit to his colleagues on the Council for the good work done by the president and himself, but they all knew that the men at the top had the greater share of responsibility. They appreciated the excellent work done by both the president and honorary treasurer. Therefore to the president, as captain of the ship, he proposed a hearty vote of thanks.

DR. MITCHELL said he was sure there was scarcely any necessity to second the motion, but as a member of the Council who knew the work of the president he did so with pleasure. Those outside the Council had no idea of the service the president had given during his term of office. He never missed a meeting, although in addition to the Council meetings it meant attending committee meetings two or three times a month; yet he came up all the way from Enniscorthy to be present at every one of them. Seeing the work he had done, he did not think they could get a president who would improve on it. The vote of thanks was carried with acclamation.

THE PRESIDENT: Well, gentlemen, I thank you for your kind vote of thanks to myself, and I can only say that so far as our job is concerned we undertook to do a certain thing to the best of our abilities. I would like to propose a vote of thanks to our treasurer.

MR. FITZPATRICK: I prefer to thank my colleagues. If it was not for their help I could not achieve much.

THE PRESIDENT moved a vote of thanks to the treasurer and the registrar.

MR. SUMNER suggested that a separate expression of thanks be tendered to the treasurer and the registrar, and this was agreed to.

MR. SMITH, seconding the vote of thanks to the treasurer, said that the balance sheet was very creditable

indeed. To increase the investments by £654 when they considered that it took fifty years to accumulate £5,000 was exceptionally good. In one year to have a surplus of £1,152 was a remarkable achievement. The motion was carried with applause.

MR. FITZPATRICK: Mr. President, ladies and gentlemen, I don't feel worthy of this at all. I say my colleagues helped me to do this. The figures speak for themselves. Personally I take much more pleasure in the figure which shows a decrease in expenditure than in the large amount of surplus income. That is mainly due to unfortunate candidates who came along for examination, and Mr. Smith will appreciate what they put in to it to come up. It was the scarcity of candidates for the fifty years made it hard to get in £5,000 for investments. The salaries are up, and there were a lot of other expenses, still we have a good amount to credit.

MR. SMITH: That surplus is very appropriate when we are going to put the place in order.

DR. WALSH, moving a vote of thanks to the registrar (Mr. J. J. R. Kerr), said he could not imagine anyone more congenial to the people than Mr. Kerr.

THE PRESIDENT, seconding the motion, said as one who knew what the registrar went through he seconded with a heart and a half.

MR. FITZPATRICK associated himself with the vote, which was cordially passed.

THE REGISTRAR, acknowledging the vote, said that when he came to the Society the office equipment was very much out of date, but he had only to express a wish for any new apparatus or equipment and the Council provided it for him. The Council were wise in doing so, since bringing the office up to date meant more economical working. That was the real explanation of a great deal of the decrease in expenditure. The printing bill used to be a very big item, but since they installed a duplicator they were doing their own printing, and only got the examination papers done outside.

MR. JONES: MR. PRESIDENT, will you tell us something about the baby of the Society—the Pharmacy Bill? Is it still going strong, or has it been put aside?

THE PRESIDENT replied that there was no information available at the moment with regard to the measure. This concluded the meeting.

Pharmaceutical Society of Northern Ireland

Annual Meeting

THE eighth annual meeting of the Pharmaceutical Society of Northern Ireland was held in the Scottish Provident Buildings, Belfast, on October 2, the president (Mr. R. I. Edwards) in the chair. There were also present Messrs. C. J. Still, D.Sc., W. H. Ringland, J. C. Culbert, S. W. Sandford, S. Gibson, W. Doig, S. R. Guiler, J. Sanderson, S. R. Sanderson, Fred Storey, Walter C. Tate, G. W. T. McCann, T. A. Gibson, Theo. Harper, S. J. Smiley, Samuel Hogg, Robert Morrow, R. A. E. Simmons, P. R. W. Shinner, H. F. Morrow, J. A. McRoberts, John Adams, S. S. Badger, and Edmund A. Richey. Apologies for absence were received from Messrs. H. G. Cousley, S. H. Forrest, A. C. McBride, John Maxwell, H. A. Johnston, and R. J. Taylor.

Council Election Result

The scrutineers' report of the ballot for Council election was submitted by Mr. H. Todd, who said that 454 voting papers were issued, 332 were returned, including 15 spoiled. (The voting was printed in the *C. & D.*, October 7, p. 440.)

THE PRESIDENT declared Messrs. Edwards, Tate, Taylor and McBride elected as the pharmaceutical representatives on the Council, and Messrs. S. Gibson and W. Martin re-elected as druggist representatives (unopposed). He congratulated Mr. Tate on his election as a member of the Council and the other members on their re-election.

MR. TATE returned thanks.

President's Address and Financial Statement

MR. EDWARDS, in his presidential address, referred at the outset to the losses the Society had sustained by death during the year. Mr. A. M. Gamble, Mr. R. S. Hamilton, Mr. John Dunlop, and Mr. W. G. Gamble, the last-named an apprentice who had been drowned, had been taken from them, and they deplored their removal. The Council held eleven meetings during the year and twenty-four committee meetings. At the two examinations for the year thirty passed the Preliminary Scientific, forty were referred, and twenty-one failed; while twenty-two passed the Final, twenty-nine failed and thirteen were referred, and two candidates obtained the Assistants' certificate in conjunction with the Final. Since the Society was formed 150 Preliminary Scientific certificates had been issued, 435 Preliminary (apprentices to pharmaceutical chemists), 3 Assistants', and 400 Finals, including 259 Modified. When the Council, twelve months ago, gave him their confidence and trust, and unanimously elected him as president, he accepted the highest dignity and honour they could confer on him with a certain amount of diffidence. Having "put his hand to the plough" he determined to drive a straight and even furrow, and, as mentioned in his election appeal, he could truly say that the passing year of his presidency had been a very happy, busy, and progressive one. He did not take credit to himself for this, but gratefully acknowledged his indebtedness to the members of the Council, who had loyally supported and stood by him, attending the meetings of Council and many Committees, giving earnest thought and time to each item on the monthly agenda. Quite a number of their members thought that the Council was slow in its administrative work and not making progress, but he could assure them that in the few short hours the Council had at their disposal monthly no time was wasted. The Society was young and sturdy.

The Pharmacy and Poisons Act (Northern Ireland), 1925, had its imperfections, requiring the highest legal advice for its elucidation, which might take from one week to six months before a final legal decision reached them. Past presidents and councillors had laid good foundations, and the present Council had no axe to grind. The "Form of Articles of Apprenticeship" drafted by Mr. J. M. Whitaker, K.C., had the very careful consideration of members of Council on several occasions. This had been referred back to Mr. Whitaker, and they were patiently awaiting his final revision, and were hoping to have these articles ready for January 1, 1934. A subcommittee of the Ulster Retail Drug Trade Association met representatives of the Council and had a mutual exchange of views on the extension of the period of apprenticeship from four years to five years. Legally this could not mature, as any such change from "not less than four years" would require an amending Act of Parliament.

Owing to the serious menace and encroachment on the legitimate rights and privileges of the legally qualified chemist a joint deputation from the Council's Law Committee and members of the Executive Committee of the U.R.D.T.A. had a prolonged interview with the Ministry of Home Affairs at Stormont in reference to the increasing tendency of unauthorised persons to stock and offer for sale articles of a medicinal nature, which were clearly outside the scope of such traders. The matter was sympathetically entertained, and postponed, awaiting the new Pharmacy and Poisons Act which has recently received the Royal assent in Great Britain. Their Ministry

promised definitely to consult the Council before taking action.

When they carefully analysed the reports from the Society's examiners, indicating failures and successes, it was encouraging and satisfactory to note that "the standard of answering has shown a good all-round improvement." The high standard required by the examiners was gradually being realised by the teachers and students, and was indicated by the valuable prizes won that past year. That had been a good tonic for future candidates.

The Housing Committee had had an exceptionally busy time, searching around for a suitable building, centrally situated and large enough to meet the growing demands of a young and vigorous Society. They had at their command the inspection of buildings ranging from £300 to £80,000 from which to choose. After consultation with their architect No. 73 University Street—better known as 2 Princess Gardens—was decided on. The Committee were fortunate in this, as the price paid was very moderate for a large double building of red sandstone and brick, dignified frontage, spacious apartments throughout, situated in a quiet locality and in the atmosphere of Queen's University and other educational centres, less than ten minutes by tram from Castle Junction. At the moment the painters were engaged with the decorative and finishing work, inside and out. It promised a handsome and magnificent building in every way, and in a few weeks would be ready for occupation. It had a council chamber, secretary's office, spacious assembly hall capable of holding about 150 chairs, museum, herbarium, library, lounge, committee rooms, kitchen equipment and large conservatory for plant and other culture, spacious garden and garage, high-pressure heating throughout, and plenty of space for expansion should the pharmacist of the future require such. That undertaking had been very dear to the heart of the Committee, who had given anxious thought and time in pushing forward the completion of that "Pharmaceutical Home" for Northern Ireland, and they trusted the money spent on building and furnishings would meet with the approbation of all sections of the craft. If any person or firm would like to present old and interesting pharmaceutical curios, books for the library, or suitable pictures or furnishings, these would be gladly accepted.

Looking over the balance sheet submitted, it was gratifying to see another successful year financially, there being an excess of income over expenditure of £1,049 5s. 1d. The secretary's office had been an exceptionally busy place in the past year, indeed, a veritable dynamic force, work being carried on late on many occasions. He would like to express his appreciation and thanks to Mr. Kirkpatrick and Miss Kirkpatrick for their splendid co-operation and help during his year of office.

The British Pharmaceutical Conference in 1934 would be held in Leeds, and in 1935 they were looking forward with keen anticipation and pleasure to the Conference assembling in Belfast. He would like all their members in Northern Ireland to keep that Conference in view, giving it every possible help and publicity. The Conference in London was a big undertaking and well carried through. Their councillors got a splendid welcome and were well cared for in every way. Though their Society was small in numbers, he was confident they would do their very best to give the delegates from other lands "an Ulster welcome." They had a splendid city as "headquarters," charming scenery by sea and land to give pleasure to the many who hoped to come along. Mr. Edwards also mentioned that the Society had been recognised during the year by invitations to the opening of the Parliament House by the Prince of Wales and other functions.

Mr. H. Todd (treasurer) presented the financial statement showing an income of £2,130 for the year and a credit balance of £1,049. The balance sheet showed assets of £10,279, including £2,500 for the new premises.

Mr. Badger congratulated the treasurer and the secretary on the healthy balance sheet, and moved its adoption.

Mr. Fred Storey, in seconding, said the report was very satisfactory. Further expenditure on the new premises would be necessary. He congratulated the president on his election at the head of the poll and on the manner in which he had conducted the affairs of the Society during the year. He also congratulated the new councillor, Mr. Tate, whose father, the late Mr. James Tate, had proposed him (Mr. Storey) for the old Council in Dublin. Referring to the British Pharmacy Bill, Mr. Storey said they were looking at it with a certain amount of diffidence and alarm, as the Northern Home Office had held back its new pharmacy measure till it was law. They would have to watch any action taken very carefully. So far as he could see the British Bill would increase the number of traders handling articles on the fringe of poisons; but in Northern Ireland they had sufficient qualified men to distribute any articles on the border-line of poisons. The Northern Bill would be examined line by line, and, where necessary, opposed. It might be well if the Bill got going in England a little while to see how it worked, but at any rate there would be no legislation in Northern Ireland for at least a year and a half. They would see to it that nothing slipped through that would be detrimental to the interests of the craft. There would be something to their advantage in the Bill, but they would do nothing till they saw what was going to be in the Bill. Legislation in Northern Ireland usually followed the lines of that in England, and their Council would watch the situation very carefully. He seconded the adoption of the financial statement.

The resolution was passed unanimously.

Awards

The Society's gold medal was presented to Mr. Alexander Best, who was wished every success by the president. For excellent work in Part I at the June examination Mr. Robert Taylor was awarded a copy of the British Pharmacopœia. Mr. J. E. Kingeross was awarded a prize for pharmacy and practical pharmacy entitled "Applied Pharmacology" (Clark) and "Recent Advance in Materia Medica" (Bowen). Mr. Scott P. Linton was awarded a special book prize, a copy of the British Pharmaceutical Codex, for excellent work at the examination.

The President referred to the success of Mr. J. N. Patterson in winning the Fairchild scholarship. He was the first man from the Northern Ireland Society to win that distinction.

Mr. Adams said that under the old society Mr. George Wilson, a Ballymena man, won the scholarship the first year it was offered.

Mr. Todd congratulated the prize-winners, and expressed approval of the idea of giving book prizes. He said the Society was under a debt of gratitude to the president for the manner in which he had carried out his duties during the year.

Vote of Thanks

Mr. Samuel Gibson proposed a vote of thanks to Mr. Edwards for his services during the year. He had been most faithful in the discharge of his duties, not only in Ulster but also in London. They were also greatly indebted to Mr. Kirkpatrick, their secretary, for his work during the year, and that of Miss Kirkpatrick. Everything in the office went smoothly, and the work in the new building would not be lightened. He included him in the vote.

Mr. Badger, in seconding, said Mr. Edwards had a fine record of attendances, and that his services were appreciated was shown by his return at the head of the poll. They all appreciated the services of the secretary and his daughter.

The vote was passed by acclamation and suitably acknowledged by the President and the Secretary.

Congratulations of the meeting were extended to Mr. Gibson on his recovery from illness.

The Secretary urged the importance of a greater number of candidates coming forward for the Fairchild scholarship, and paid tribute to the studentship of Mr. Patterson, who had gained 98 per cent. of marks in botany. Mr. Kirkpatrick said he hoped the October Council meeting would be held in the new building, of which there would be an official opening.

Birmingham Analyst's Report

THE report of the Birmingham city analyst (Mr. H. H. Bagnall, B.Sc., F.I.C.) for the second quarter of the present year states that the total number of samples taken was 1,335, of which eighty-four were found to be defective. Samples classed as drugs numbered thirty-one, of which two were defective. The following paragraphs are of general interest:—

PARRISH'S CHEMICAL FOOD.—This was a formal sample taken in consequence of a previous sample, taken during the first quarter, being of incorrect composition and wrongly labelled. The present sample was of correct B.P. composition but the label was false, indicating that larger amounts of iron and calcium phosphate were present than in the B.P. article. The vendor undertook to alter the label.

SEIDLITZ POWDER.—An informal sample purchased during the first quarter contained in the white paper 3.1 grams of tartaric acid instead of 2.5 grams, an excess of 24 per cent. The present sample similarly contained an excess of 26 per cent. and 24 per cent. of tartaric acid in the two white papers. The vendors investigated the matter and discovered a defect in the electrical machine used for weighing the powders. This has been overhauled and the stock affected by the error withdrawn from sale.

COD-LIVER OIL TABLETS.—With reference to the cod-liver oil tablets mentioned in the first quarter's report as being deficient in vitamins, the results of the examination of the tablets by the Pharmacological Laboratory of the Pharmaceutical Society are now available. These show that so far as vitamin A is concerned, two tablets are equivalent to one-fourteenth teaspoonful of oil of the minimum standard of the B.P., and also that two tablets have only one-fifth the vitamin D potency of an average sample of cod-liver oil. The label stated that two tablets are equivalent to one teaspoonful of cod-liver oil in respect of both vitamins A and D. The packers have agreed to obliterate the statement and eventually to withdraw the article from the market.

Corner for Students

Conducted by Leonard Dobbin, Ph.D.

Communications should be addressed "Corner for Students, 'The Chemist and Druggist,' 28 Essex Street, London, W.C.2."

QUALITATIVE ANALYSIS FOR JUNIOR STUDENTS

A MIXTURE of two salts will form the subject of the next exercise in qualitative analysis. The mixture may contain metallic and inorganic acidic radicals occurring in the British Pharmacopœia. It is to be submitted to a thorough systematic examination, all its constituents are to be detected, and proof is to be given that the substances detected are the only constituents of the mixture.

Students' applications for portions of the mixture of salts (accompanied by a *stamped and addressed envelope,* not a stamp merely) will be received up to Tuesday, October 17, on which day the samples will be posted. Students' reports will be received up to Saturday, October 28. Each report should contain a concise account of the work done, and should include a list of the constituents detected. In this list any substance regarded as an accidental impurity should be distinguished from the essential constituents of the salts composing the mixture.

SPECIAL NOTICE.—The prizes in this analysis will be awarded only to apprentices or assistants (not former tournament prize-winners) who are preparing for the Qualifying examination of the Pharmaceutical Society of Great Britain or of Ireland, and who have not passed in Chemistry in the Preliminary Scientific Examination in Great Britain, in the Licence Examination in the Irish Free State, or in Chemistry Part I, in Northern Ireland, *which facts must be attested on their reports.*

*** The Analytical Tournament for the coming Winter Session opens in November, and the usual intimation will appear in our first issue for that month. Students who intend to take part in the competition are recommended to apply for and to examine samples of the powder mentioned above, and to submit reports on their examination.

THE STAFF OF DAVIDSON & GRAY, LTD., CHEMISTS, 128a NETHERGATE, DUNDEE. MR. J. GRAY, CHEMIST AND DRUGGIST (SECOND FROM LEFT IN FRONT ROW) HAS BEEN IN PHARMACY FOR SIXTY YEARS AND STILL ATTENDS HIS BUSINESS DAILY.

Insurance Act Dispensing

Record of matters concerning Chemists' interests in the National Health Insurance Acts

Removal of a Name

The following statement, dated October 6, has been received from the Ministry of Health:—

The Minister of Health, having read and considered the report made by the Inquiry Committee constituted by him under Part VII of the National Health Insurance (Medical Benefit) Consolidated Regulations, 1928, on a representation made by the Salop Insurance Committee to inquire into the case of Mr. Ernest Harper Morgan, trading as G. H. Morgan & Sons, of 2 High Street, Wem, Salop, and having considered and taken into account the evidence as to Mr. Morgan's personal character and professional standing, submitted by him under Article 66 (2) of the said Regulations as applied by Article 72 thereof, is satisfied that the continuance of Mr. Morgan, trading as G. H. Morgan & Sons, on the list of persons supplying drugs or appliances would be prejudicial to the efficiency of the service and accordingly, in pursuance of Section 24 (5) (*b*) of the National Health Insurance Act, 1924, and of all other powers enabling him, has decided to remove and does hereby remove the name of G. H. Morgan and Sons from the list of persons supplying drugs or appliances for the area of the Salop Insurance Committee as from and including October 16, 1933. The Minister has further considered the question of the costs of the inquiry and hereby directs that the sum of £5 (five pounds) shall be paid by Mr. Morgan towards the costs of the Salop Insurance Committee.

Local Reports

ENGLAND AND WALES

London.—A meeting of the London Pharmaceutical Committee was held on September 19, Mr. A. J. Wing in the chair. With reference to the marriage of the vice-chairman (Mr. H. Skinner), the secretary was instructed to send to Mr. and Mrs. Skinner a letter conveying the congratulations of the Committee. Mr. P. Sparks (a past-chairman) was also congratulated by the Committee on his appointment as a member of the Poisons Board. The following comparative figures for the first six months of the years 1932-33 were submitted:—

	1932	1933
Total No. of prescriptions...	4,494,793	4 718,575
Cost of ingredients ...	£61,628 5s. 9d.	£65,587 15s. 4d.
Cost of dispensing fees ...	£82,307 0s. 9d.	£86,732 6s. 10d.
Av. cost of ingredients ...	3·29d.	3·34d.
Av. cost of dispensing fees...	4·40d.	4·41d.
Total No. of persons on list	1,920,495	1,924,618
Av. No. of prescriptions per person	2·34	2·45

The Chemists' Service Subcommittee reported particulars of five cases dealt with under the testing scheme for the months of June and July, concerning which three chemists were censured and two were cautioned. The Committee approved the action taken by the secretary in two cases of complaint in connection with the interference with the "free choice of chemist," and gave further instructions with regard to the other matters in question.

Middlesex.—At a meeting of the Middlesex Pharmaceutical Committee, held on September 20, it was agreed to approve of the coming into operation of the second edition of the National Insurance Formulary on October 1, but the following resolution was also unanimously adopted, and it was directed that copies should be sent to the Ministry of Health, the British Medical Association, and the National Pharmaceutical Union:—"That the Middlesex Pharmaceutical Committee, while agreeing to the coming into operation of the second edition of the National Insurance Formulary on October 1, 1933, regrets that a longer period has not been allowed for the chemists of the country to dispose of their stocks of preparations which it has been necessary to keep specially for National Health Insurance dispensing, and trusts that more consideration will be given to chemists' interests in future." The supervisor's report showed that the number of prescriptions dispensed during June was 170,008, against 161,945 in June 1932; for July the total was 175,107, against 161,069 in July 1932. The average cost of ingredients was 3.9d. for both months, and the average dispensing fee was 4.3d.; the average cost per insured person was 2.2d. for June and 2.3d. for July 1933. Statistics for the latter month showed that the increase in the insurable population was stayed for the time being.

Southport.—At the monthly meeting of the Southport Insurance Committee on September 19 a report was submitted on tests of drugs since the last meeting. There had been six tests for medicines and one for appliances. A member stated that the results were the most perfect they had ever had. The clerk gave particulars contained in a communication from the Ministry of Health as to the new edition of the National Insurance Formulary, which would come into operation on October 1. Mr. W. H. Smith said chemists had had expense making things they would not require after the change. The necessary resolution was passed.

SCOTLAND

Drug Accounts Committee (Scotland)

The report on the work of the Drug Accounts Committee (Scotland) states, *inter alia*, that the prescription-forms (exclusive of the additional forms for insulin) which were priced and scrutinised and in respect of which detailed accounts, reports and doctors' statistical statements were prepared on behalf of the fifty-four insurance committees in Scotland for the year 1932, numbered 2,973,523, which is 181,223 more than the year 1931 and breaks the record held by the previous influenza epidemic year, 1929, by 47,861 forms. The value of the forms received from the fifty-four insurance committees in respect of the year 1932 (exclusive of the cost of insulin) is £162,358 0s. 6d., which is an increase of £11,104 6s. 8½d. The average price per form at 13.10d. shows an increase of 0.10d. when compared with the year 1931. The following tabular statement (abridged from the original) shows the number of chemists' accounts for insurance committees in Scotland from 1919 to 1932:—

Year	Burghs	Counties	Totals	Increase over previous year
1919	7,471	8,679	16,150	—
1920	8,323	9,659	17,982	1,832
1922	8,953	10,411	19,364	527
1924	9,658	11,346	21,004	695
1926	10,282	11,993	22,275	578
1928	11,017	12,487	23,504	542
1930	11,513	12,834	24,347	301
1932	11,952	13,648	25,600	624

The following statement shows the number of chemists' accounts prepared for the Government of Northern Ireland, in respect of the period from October 1930 to December 1932:—1930 (three months), 1,101; 1931, 4,540; and 1932, 4,681. Attention is directed in the report to the illegible manner in which an unduly large number of prescriptions are written, and even when the fullest possible allowance is made for the inconvenient and difficult conditions under which many prescriptions are written, there seems to be much room for improvement. Many prescriptions, it appears, cannot be priced until after a minute scrutiny of all the prescriptions issued by the doctor in a previous month, in order to confirm either the designation, the symbol or the quantity. The report concludes with various comparative statements.

Trade Report

Where possible scales of prices of chemicals are given for bulk down to small quantities. Prices recorded for crude drugs, essential and fixed oils and coal tar products are for fair sized wholesale quantities. Qualities of chemicals, drugs, essential and fixed oils, etc., vary, and selected brands or grades would be at higher values

28 Essex Street, W.C.2, October 12

THE rather brighter feeling in the markets reported last week has been maintained and the volume of business being transacted, although by no means heavy, has been fairly satisfactory. Values on spot are fully supported by shipment quotations. Business with America is still a poor feature, due, apparently, to both buyers and sellers being nervous of the trend of the dollar. It is now rumoured that the dollar may be stabilised at 65 cents. In pharmaceutical chemicals the advances in caffeine and theobromine of Continental origin are now operating. Phenacetin is much steadier on spot and more business has been done as a result of rumours of a possible revision of sales prices. British-made tartaric acid is quoted a point dearer. In crude drugs a number of products are in fair demand, for which good prices are being obtained. Agar is steadier but still at low figures. Chamomiles are steadily moving up to famine prices. New crop Spanish and Portuguese ergot are firm. Jamaican ginger is very steady and gradually advancing on a fairly active market. The boom in Empire honey continues and further advances in spot prices for the lower grades of Jamaican are recorded and supplies are now limited. Menthol is a little steadier, but business is not of much account. Mercury continues to gain ground and tends to go higher. Fair sales of the new crop Tinnevelly senna leaves continue to be reported. Tragacanth is very steady and higher prices are indicated at the source. A fair amount of smallish business has been done in essential oils with most markets keeping up to former rates. Genuine French new crop lavender has reached high figures, but there are sellers on spot at much cheaper prices. Citronella is easy and dull as quoted. Lemongrass has recovered sharply and is now very steady. Japanese peppermint is a point better, but business is comparatively small. Petitgrain is firm. Wormseed is a point dearer. Coal-tar products are mostly satisfactory markets with further advances recorded. Xylol, toluol, solvent naphthas, cresylic acid and creosote are bright features.

Exchange Rates on London

THE following is a list of the chief Continental and other exchange rates at the opening on Thursday morning:—

Centre	Quoted	Par	October 12	Value of the £
Amsterdam ...	Fl. to £	12·107	7·70	12/8½
Berlin	Mks. to £	20·43	13·02½	12/9
Brussels ...	Belgas to £	35	22·30	12/9
Copenhagen ...	Kr. to £	18·159	22·40	24/8
Lisbon	Esc. to £	110	103	18/8½
Madrid ...	Ptas to £	25·22½	37 5/32	29/5½
Milan	Lire to £	92·46	59⅛	12/9½
Montreal ...	Dol. to £	4·86⅔	4·76¾	19/6¾
New York ...	Dol. to £	nominal	4·66	19/1¾
Oslo	Kr. to £	18·159	19·90	21/11
Paris	Fr. to £	124·21	79 3/32	12/9¼
Prague ...	Kr. to £	164·25	104½	12/9
Stockholm ...	Kr. to £	18·159	19·39	21/4¼
Warsaw ...	Zloty to £	43·38	27¾	12/10
Zurich	Fr. to £	25·2215	16	12/10¼

Bank rate 2 per cent.

Pharmaceutical Chemicals, etc.

BUSINESS on a fairly good scale is reported in a range of products and prices are being steadily maintained. Caffeine and theobromine from the Continent are at last week's advances. Phenacetin is much steadier and more business is being done. Mercurials may advance if metal prices continue to move up. Makers' quotation for tartaric acid is a point dearer.

AMIDOL.—Small business, with the market steady: 56 lb., 7s. 3d.; 28 lb., 7s. 6d.; 14 lb., 7s. 11d. per lb., in 7-lb. tins.

AMIDOPYRIN.—Spot business is limited, but dealers' prices are fully steady and rather dearer forward: crystals, five cwt., 19s. 3d.; two cwt., 19s. 9d.; less than two cwt., 20s. 9d. per lb.; with powder, 2¼d. per lb. extra.

AMMONIUM BENZOATE.—The market has remained quiet; quoted from 3s. 4d. to 3s. 6d. per lb., as to quantity.

AMMONIUM ICHTHOSULPHONATE.—Moderate business on a steady market: one cwt., 1s. 6½d., in 14-lb. tins; 1s. 8d., in 1-lb. tins; 1s. 10d., in 8-oz. tins; and 2s. per lb., in 4-oz. tins.

ASPIRIN.—Business continues on a very satisfactory scale; dealers' and makers' quoted prices unchanged: home trade, ten cwt., 2s. 9d.; five cwt., 2s. 10d.; one cwt., 2s. 10½d.; 28 lb., 2s. 11d.; 14 lb., 3s.; 7 lb., 3s. 2d. per lb. Export to Colonies and British Possessions: ten cwt., 2s. 9d.; five cwt., 2s. 10d.; one cwt., 2s. 10½d. per lb., f.o.b.; less than one cwt., 2s. 11d. per lb., ex works.

BARBITONE.—A little spot inquiry, with steady prices quoted: spot, one cwt., 13s. 1d.; 56 lb., 13s. 3d.; 14 lb., 13s. 6d.; small parcels, up to 14s. 3d. per lb.

BENZOIC ACID (B.P.).—Market is quite steady and receiving average inquiry: quantities, ex works, 1s. 9½d.; spot parcels, 1s. 10d. to 2s. 2d. per lb, ex store, as to quantity.

BISMUTH SALTS.—Makers' scales of sales prices for these salts are unchanged.

BROMIDES.—A fair inquiry, with quoted prices keeping steady: ammonium, not less than five cwt., 1s. 9d.; one cwt., 1s. 10d.; 28 lb., 2s. 1d.; smaller quantities, 2s. 5d. per lb.; potassium B.P. crystals and granular, not less than five cwt., 1s. 6d.; one cwt., 1s. 7d.; 28 lb., 1s. 10d.; smaller quantities, 2s. 2d. per lb.; sodium B.P., not less than five cwt., 1s. 8d.; one cwt., 1s. 9d.; 28 lb., 2s.; smaller quantities, 2s. 4d. per lb., net, without engagement. Special prices for larger quantities.

BUTYL CHLORAL HYDRATE.—There is not much business moving; market steady: spot, 14 lb., 8s.; 7 lb., 8s. 3d.; 1 lb., 8s. 6d. per lb., in 1-lb. bottles.

CAFFEINE.—The new scale of prices for Continental, quoted f.o.b., are as reported last week: 250 lb., 4s. 9½d.; 100 lb., 4s. 11d.; 50 lb., 5s.; less than 50 lb., 5s. 2½d. per lb. The scale for citrate is as follows: 250 lb., 3s. 11½d.; 100 lb., 4s.; 50 lb., 4s. 1d.; less than 50 lb., 4s. 2d. per lb. Spot prices, ex warehouse, London, would work out about as follows: caffeine, pure, 250 lb., 6s. 6½d.; 100 lb., 6s. 8½d.; 50 lb., 6s. 11d.; less than 50 lb., 7s. 1d. per lb. Caffeine citrate, 250 lb., 5s. 4½d.; 100 lb., 5s. 5d.; 50 lb., 5s. 6½d.; less than 50 lb., 5s. 7¾d. per lb.

CALCIUM LACTATE.—Market has been fairly busy, with keen prices quoted: spot, one cwt., 1s. 0¾d.; 56 lb., 1s. 1½d.; 28 lb., 1s. 2½d.; smaller quantities, up to 1s. 6d. per lb.

CHLORAL HYDRATE.—Makers' prices for the home market are steady: duty-paid crystals, in 14-lb. free containers, five cwt., 3s. 6d.; one cwt., 3s. 7d.; 56 lb., 3s. 8d.; 28 lb., 3s. 9d.; 14 lb., 3s. 10d. per lb.; 28-lb. jars, one penny per lb. extra.

CITRIC ACID (B.P. CRYSTALS).—Makers' quoted price for this market is steady at 9½d. per lb., less 5 per cent. discount, nominal and without engagement. Dealers are quoting at about the same figure.

COCAINE.—Home trade prices are at former figures: hydrochloride, 25 oz., 20s. 11d.; 16 oz., 21s. 7d.; and less, 22s. 3d. per oz.; pure, 25 oz., 22s. 1d.; 16 oz., 23s. 8d.; less than 16 oz., 24s. 4d. per oz.; 1-oz. tins, 2½d. per oz. extra. Export prices vary as to destination at the higher rates recently recorded.

CREAM OF TARTAR.—Market is steady, with 99 to 100 per cent. quoted by makers at 80s., less 2½ per cent. discount, nominal and without engagement. Dealers' prices are at about the same figure.

CREOSOTE (B.P.).—There is little inquiry except for small lots. Quantities in 25-kilo. demijohns, 1s. 9½d.; smaller parcels, up to 2s. 2d. per lb.

FERRI QUININE CITRATE.—Makers' scales of prices continue at the advances recorded last week.

ETHER (METHYLATED).—Makers' prices are as follows: s.g. 0.750, 1s. 1½d.; 0.735, 1s. 2d.; 0.730, 1s. 2d.; 0.725, 1s. 4d. per lb., in w-quarts; 12 w-quarts, half-penny less and packed in drums or carboys, 1d. less.

GUAIACOL CARBONATE.—A little more inquiry, with prices steady on spot: one cwt., 9s.; 56 lb., 9s. 1d.; 28 lb., 9s. 2d.; smaller quantities, up to 9s. 6d. per lb.

HEXAMINE.—British material continues to lead the market: ten cwt., 1s. 9d.; five cwt., 1s. 9½d.; two cwt., 1s. 10d.; one cwt., 1s. 10½d.; 56 lb., 1s. 11d.; 28 lb., 1s. 11½d.; 14 lb., 2s.; 7 lb., 2s. 0½d. per lb. British rough powder is quoted from 1s. 5d. to 1s. 6½d. per lb., as to quantity. Foreign material to come forward is not competitive.

HYDROQUINONE.—Makers' quoted prices are unchanged; business slow: ten cwt., 5s. 7½d.; five cwt., 5s. 8½d.; two cwt., 5s. 9d.; one cwt., 5s. 9½d.; 56 lb., 5s. 10½d.; 28 lb., 6s.; 14 lb., 6s. 2d.; 7 lb., 6s. 6d. per lb., carriage paid.

IODIDES—Makers' scales of prices for these salts are unchanged at the recent big reduction. Outside competition is now negligible.

LACTIC ACID (B.P.).—Market is fairly steady but competitive; business moderate: quantities in carboys, 1s. 4½d. to 1s. 5d.; in winchesters and bottles, 1s. 7d. to 1s. 10d. per lb., as to quantity.

MERCURIALS.—The stronger position in the metal market may necessitate makers of the salts reviewing their scales of sales prices.

METHYL SALICYLATE (B.P.).—Makers' and dealers' quoted prices holding, with some inquiry about; one ton and over, 1s. 4½d.; ten cwt., 1s. 5d.; five cwt., 1s. 5½d.; one cwt., 1s. 6d.; less than one cwt., 1s. 6½d.; small quantities in bottles, up to 2s. per lb.

METHYL SULPHONAL.—A fair amount of limited-sized spot business at steady prices; Continental advice suggests values may be revised to a rather cheaper level: two cwt., 21s.; one cwt., 21s. 9d.; 56 lb., 22s. 4d.; small parcels, 23s. 3d. per lb.

METOL.—The market is steady but quiet: 56 lb., 9s. 6d.; 28 lb., 9s. 9d.; 7 lb., 10s. 9d. per lb., in 7-lb. tins, bottles extra. Wholesale distributors' prices for smaller quantities would be dearer.

PARAFORMALDEHYDE.—A fair inquiry, with values about steady: 100 per cent. powder, quantities in kegs, 1s. 3d.; smaller parcels, up to 1s. 8d. per lb.

PHENACETIN.—There is a much steadier tone here with not so much cutting, and business has been good: crystals, ten cwt., 4s. 1½d.; five cwt., 4s. 3d.; two cwt., 4s. 4½d.; 56 lb., 4s. 6d.; less than 56 lb., 4s. 9d. per lb., carriage paid on minimum cwt. lots. No falling clause on contracts over twelve months.

PHENAZONE.—Market is gradually becoming steadier with a little more inquiry coming to hand: crystals, ten cwt., 10s. 8d.; five cwt., 10s. 11d.; two cwt., 11s. 3d.; and less, 11s. 8d. per lb., with powder 2¼d. per lb. extra.

PHENOLPHTHALEIN.—The fixed scale of prices is holding; there may be offers at less: two cwt., 4s. 7d.; one cwt., 4s. 8d.; 28 lb., 4s. 11d.; 14 lb., 5s. 2d.; 7 lb., 5s. 5d.; smaller parcels, up to 5s. 8d. per lb.

PHENYL ETHYL BARBITURIC.—Not much business moving, quoted prices are keen in the region of 30s. to 32s. per lb. in 2-lb. bottles, and less for bulk quantities.

POTASSIUM PERMANGANATE (B.P.).—Dealers are doing a fair business in small lots, market steady: quantities in two-cwt. drums, 8½d. to 8¾d.; druggists' parcels, 9d. up to 10d. per lb., as to quantity.

POTASSIUM SULPHOGUAIACOLATE.—Dealers' prices for spot material continue at about 5s. 10d. to 6s. per lb., as to quantity.

QUININE SALTS.—With no further substantial alteration in rates of exchange, prices for these salts are unchanged: sulphate, 2s.; bisulphate, 2s.; ethyl carbonate, 2s. 7½d.; salicylate, 2s. 8d.; phosphate, 3s.; hydrochloride, 2s. 6¼d.; bihydrochloride, 2s. 9½d.; hydrobromide, 2s. 6¼d.; bihydrobromide, 2s. 9½d.; valerianate, 3s. 1¼d.; hypophosphite, 3s. 4½d.; alkaloid, 2s. 9¾d. per oz., carriage paid on bulk quantities.

RESORCIN.—British makers' quoted prices are steady, as follows: crystals, one cwt., 4s. 11d.; 56 lb., 5s.; 28 lb., 5s. 1d.; 14 lb., 5s. 3d.; 7 lb., 5s. 6d.; less than 7 lb., 6s. per lb. Foreign, if available, about 5s. 6d. to 6s. per lb. for small parcels.

ROCHELLE SALTS.—Makers' prices are as follows: powder, five cwt. and over, 67s. 6d.; one cwt., 70s.; less than one cwt., 72s. 6d. per cwt.; with crystals, 2s. 6d. per cwt. extra. PULV. SEIDLITZ, five cwt. and over, 55s.; one cwt., 56s. 9d.; less than one cwt., 58s. 9d.; double salts, five cwt. and over, 60s. 6d.; one cwt., 62s. 9d.; less than one cwt., 64s. 9d. per cwt., casks free, carriage paid on minimum cwt. lots. Quoted without engagement.

SACCHARIN.—The Convention price is steady with 550, 37s. 6d. per lb., duty paid, with rebates for quantities.

SALICYLIC ACID (B.P.).—Makers' prices for this market are steady: one ton, 1s. 7d.; ten cwt., 1s. 7½d.; five cwt., 1s. 8d.; one cwt., 1s. 8½d.; 28 lb., 1s. 9d.; 14 lb., 1s. 10d.; 7 lb., 2s. per lb.

SALOL.—Rather more inquiry for small quantities; quoted unchanged: spot, crystals, two cwt., 3s. 10d.; one cwt., 3s. 11½d.; 56 lb., 4s.; smaller parcels, up to 4s. 1d. per lb.; powder 2d. per lb. extra.

SANTONIN.—The market is still more or less nominal at the old dollar scale. Some parcels offered at cheaper prices.

SODIUM BENZOATE (B.P.).—At competitive prices there is a fair volume of business passing: B.P. 1932 quality, one cwt., 1s. 7d.; smaller parcels, up to 1s. 10d. per lb.

SODIUM DIETHYLBARBITURATE.—Business is fair with prices keeping steady: spot, one cwt., 13s.; 56 lb., 13s. 3d.; 28 lb., 13s. 6d.; 14 lb., 14s.; smaller parcels, up to 15s. per lb.

SODIUM SALICYLATE (B.P.).—More inquiry on the market; makers' and dealers' prices unchanged: home trade, powder, two tons, 2s.; one ton, 2s. 0½d.; ten cwt., 2s. 1d.; five cwt., 2s. 2d.; one cwt., 2s. 3d.; 28 lb., 2s. 4d.; 14 lb., 2s. 6d.; 7 lb., 2s. 7d.; 1 lb., 2s. 8d. per lb., with crystals one penny per lb. extra.

STRYCHNINE SALTS.—Makers' prices are as follows:—

——	Under 16 ozs.	16 ozs.	35 ozs.
	Per oz. s. d.	Per oz. s. d.	Per oz. s. d.
Pure cryst.	2 7	2 5½	2 5
Pure precip.	2 6	2 4½	2 4
Arseniate	2 7	2 5½	2 5
Bisulphate	2 1	1 11½	1 11
Hydrochloride	2 4	2 2½	2 2
Hypophosphite	4 8	4 6½	4 6
Nitrate	2 2	2 0½	2 0
Phosphate	3 0	2 10½	2 10
Sulphate	2 3	2 1½	2 1

25-oz. tins free. Lower prices for contracts, with rise and fall clause.

SULPHONAL.—Dealers' spot prices are steady; business moderate: crystals, two cwt., 17s.; one cwt., 17s. 8d.; 56 lb., 18s.; smaller parcels, up to 19s. per lb., with powder 2d. per lb. extra. Continental advice suggests that the scale of prices is likely to be revised to a lower level.

TARTARIC ACID (B.P. CRYSTALS).—British makers notify that their quoted price has been advanced to 1s. per lb., less 5 per cent. discount, nominal and without engagement. Dealers' prices are about level.

THEOBROMINE.—The scale of prices for Continental material continues to be quoted f.o.b., as follows: 250 lb., 4s. 9½d.; 100 lb., 4s. 11d.; 50 lb., 5s.; less than 50 lb., 5s. 2½d. per lb. Sodium salicylate: 250 lb., 4s. 8d.; 100 lb., 4s. 9d.; 50 lb., 4s. 9½d.; less than 50 lb., 4s. 10½d. per lb. Spot would work out about as follows: Theobromine, pure, 250 lb., 6s. 6d.; 100 lb., 6s. 8d.; 50 lb., 6s. 10½d.; less than 50 lb., 7s. 1d. per lb.; sodium salicylate, 250 lb., 6s. 4d.; 100 lb., 6s. 5d.; 50 lb., 6s. 6d.; less than 50 lb., 6s. 7d. per lb., ex warehouse, London.

THYMOL.—Market is fairly steady but business is slow: synthetic, fine white, one cwt., 5s. 1½d.; 56 lb., 5s. 3d.; 28 lb., 5s. 4½d.; 14 lb., 5s. 6d. per lb.; ex ajowan seed, one cwt., 7s. 3d.; 56 lb., 7s. 4½d.; 28 lb., 7s. 6d.; 14 lb., 7s. 9d. per lb.

VANILLIN.—A fair amount of business is being done and there is not much second-hand material offering: 100 per cent., one ton, 14s. 3d.; ten cwt., 14s. 6d.; five cwt., 14s. 9d.; three cwt., 15s.; one cwt., 15s. 3d.; 56 lb., 15s. 6d.; 28 lb., 15s. 9d.; 14 lb., 16s.; less, 16s. 3d. per lb.

Crude Drugs, etc.

ACONITE ROOT.—Dealers are offering spot supplies of Napellus at about 70s. per cwt., which have just been landed.

AGAR.—The market is steadier and there has been a very fair inquiry for spot, afloat and near positions. It is rumoured that the Japanese Government are considering taking over the new crop, due at the end of the year: spot, Kobe No. 1, 1s. 11d.; No. 2, 1s. 9½d.; Yokohama No. 1, 1s. 9½d. per lb.; shipment, Kobe No. 1, 1s. 8d.; No. 2, 1s. 6d.; Yokohama No. 1, 1s. 6d. per lb., c.i.f.

ALKANET ROOT.—Small quantities on spot would be at about 47s. 6d. per cwt.

ANTIMONY.—Market is steady, but rather quiet. Chinese crude, spot, £20 10s.; shipment, £18 10s., c.i.f.; Chinese oxide, spot, £28; shipment, £25, c.i.f.

ARNICA FLOWERS.—There has been some fair business, with spot flowers at about 9½d. per lb.

BALSAMS.—Not much demand; quoted prices maintained. *Tolu*, 2s. 10d.; Canada, 2s. 9d.; Capivi, 1s. 8d. to 1s. 9d. per lb.

BELLADONNA.—It is understood that some unusually high testing root is available on the spot at from 80s. per cwt.

BUCHU.—Some limited spot inquiry; forward prices are fully steady. Spot, good green rounds, up to 1s.; yellowish to fair, 8½d. to 10d.; ovals, 7d. to 7¾d. per lb., as to quality.

BURDOCK ROOT.—Dealers are quoting spot root at about 57s. 6d. per cwt.

CAMPHOR.—Market has remained dull: spot, slabs, 2s. 1½d.; flowers, 2s. 3d.; tablets, 2s. 6d. per lb.; shipment, slabs, 1s. 9¼d.; flowers, 1s. 9¾d.; tablets, 2s. 1d. per lb., c.i.f. English refined is quoted unchanged: flowers, one cwt., 3s. 1d.; 28 lb., 3s. 2d.; small lots, 3s. 3d. per lb. Transparent tablets, 4 oz., 8 oz., and 16 oz., 3s. 4d.; 1 oz. and 2 oz., 3s. 5d.; ½ oz., ⅓ oz. and ¼ oz., 3s. 6d. per lb.; special prices for contracts for quantities.

CANTHARIDES.—Some small parcels of Russian are available at about 7s. 6d. per lb.

CASCARA SAGRADA.—Some spot interest shown ; market quite steady. Minimum car-load lots are quoted at 34s. per cwt., landed and duty-paid. 1931 peel, about 65s. per cwt.

CELERY SEEDS.—Dealers are quoting small parcels at about 1s. 8d. per lb.

CHAMOMILES.—The position here is becoming acute, with spot supplies very limited and shipment offers firm. First pickings are now quoted up to 250s. and second pickings at 230s. per cwt., landed. It is indicated that further advances are expected.

CLOVES.—Market has been quieter and is fractionally easier. Zanzibar, spot, 5½d.; shipment, 5d. per lb., c.i.f.

The landings of Zanzibar in London during the week ended September 30 were 175 and the deliveries 140, leaving a stock of 2,675. From January 1 to date, landings of Zanzibar have been 5,026 and the deliveries 3,821. Landings of Madagascar for the week ended September 30 were *nil*, and the deliveries 8, leaving a stock of 1,020. Landings of Madagascar this year to date have been 32 and the deliveries 168.

COCONUT (DESICCATED).—Market is a little steadier with more interest shown. Spot, fine, 17s.; medium, 16s. 6d.; shipment, halves, October-November, 15s. 1½d. per lb., c.i.f.

COD-LIVER OIL.—There has been a steady business this week and conditions are unchanged. Finest Lofoten steam refined non-freezing medicinal oil, 102s. 6d. per barrel, c.i.f., with small spot lots from 132s. 6d. per barrel, ex wharf, duty paid. Newfoundland finest non-freezing medicinal oil, 132s. 6d. per barrel, ex store. British oil, non-freezing, finest medicinal quality, is being quoted by the makers at 125s. per barrel, c.i.f. London.

COLCHICUM.—New arrivals of root are available at about 45s. per cwt. Seeds, about 1s. 10d. per lb.

ERGOT.—This market is firm at previous rates, particularly for shipment. Spanish, 1s. 7½d., c.i.f. Portuguese, 1s. 6d. per lb., c.i.f. Russian, spot, 1s. per lb.

GELATIN.—Dealers are doing a steady business with prices maintained: German, gold leaf, 2s. 4d.; silver leaf, 2s. 2d.; bronze leaf, 1s. 11d.; plain label, 1s. 10d.; French, gold leaf, 1s. 10d.; silver leaf, 1s. 8d.; bronze leaf, 1s. 6½d. per lb., in cwt. cases.

GENTIAN.—Some supplies of new French root are quoted at about 57s. 6d. per cwt.

GINGER.—Conditions in the market dealing in Jamaican are very steady and prices tend to advance from the current figures of 80s. to 110s. per cwt., as to quality. A very fair business is reported.

GUM ACACIA.—This market remains dull: spot, Kordofan cleaned sorts, 35s.; bleached, 70s. per cwt.; shipment, Kordofan cleaned sorts, 31s.; natural, 30s. per cwt., c.i.f.

HENNA LEAVES.—It is difficult to locate any substantial supplies on spot.

HONEY.—Business in the lower grades of Jamaican has been on a good scale this week and supplies of these qualities are now particularly low with prices at a further advance. Spot, pale amber, 55s.; dark amber liquid, 44s.; dark liquid manufacturing, 42s. per cwt.

HYDRASTIS.—The market is quoted rather easier, with business slow. Spot, 4s. 9d. to 4s. 10d.; shipment, 4s. 1½d. per lb., c.i.f.

INSECT FLOWERS.—Dalmatian to come forward are quoted dearer at about 100s. per cwt., c.i.f.

IPECACUANHA.—The demand for Matto Grosso is still poor ; spot offering at about 4s. 6d. per lb. Minas, about 4s. 3d. per lb.

LYCOPODIUM.—Dealers are offering spot supplies of Russian treble sifted at 2s. 10d. per kilo.

MENTHOL.—Conditions are perhaps a little better here with more inquiry for afloat and near positions. K/S brands, spot, 11s. 4½d. per lb. and less for bulk quantities ; shipment, October-December, 8s. 6d.; January-March, 8s. 6d. per lb.; affoat is quoted from 9s. to 9s. 3d. per lb., c.i.f., as to position. On Thursday the market was a point better for shipment with 8s. 7½d. per lb., c.i.f., mentioned.

MERCURY.—There has been a steady business this week and Spanish-Italian group quote from £9 12s. 6d. to £9 15s. per bottle, ex store, and for shipment at 45 dollars per bottle, f.o.b. Continent.

OPIUM.—Market is quoted unchanged and is quiet. From 1s. to 1s. 1d. per unit, landed and duty paid, as to quantity.

ORANGE PEEL.—Dealers are offering thin cut at 1s. 8d. per lb., and quarters at 30s. per cwt.

PEPPER.—Business has not been quite so good ; spot is steady, with forward showing a slight loss on the week. Lampong, spot, 4⅝d.; shipment, October-December, 3 9/16d.; January-March, 3 11/16d. per lb., c.i.f. Tellicherry, spot, 5¼d.; shipment, January-March, 39s. per cwt. Aleppy, spot, 5d.; shipment, January-March, 37s. per cwt. White Muntok, spot, 6¾d.; shipment, October-December, 6d.; January-March, 6⅛d. per lb., c.i.f.

PIMENTO.—A little more doing this week, with values maintained. Spot, 3d. per lb.; shipment, October-November, 25s. per cwt., c.i.f.

QUILLAIA BARK.—A steady sale is reported, with whole bark in fair quantities at £22 per ton.

RHUBARB.—Market has been slow ; quoted at previous rates.

RUBBER.—Quotations for all positions show a sharp advance on the week. Business has been done on a fair scale. Standard ribbed smoked sheet, spot, 4d.; October, 4d.; November, 4 3/32d.; December, 4 3/32d.; January-March, 1934, 4 3/32d.; April-June, 4 3/16d.; July-September, 4 9/32d. per lb.

SAFFRON.—Some small business moving at former prices: spot, prime B.P., 58s.; extra B.P., 54s. 6d.; super B.P., 51s. 6d. per lb.; and slightly less for bulk quantities.

SARSAPARILLA.—About normal spot business is reported, with the market steady: spot, native mixed colours, 1s. 1d. to 1s. 2d.; grey Jamaican, 1s. 9d. per lb., as to quantity.

SEEDS.—ANISE.—Spot, Spanish, 55s.; Bulgarian, 40s.; Turkish, 39s. 6d. LINSEED.—Spot, Mazagan, quoted at 23s. 6d.; Morocco at 19s. 6d. CORIANDER.—Morocco, 1929 crop, 15s. 6d., spot ; wormy, 13s. 6d. to 14s.; 1933 crop, 16s. 6d., duty paid, 14s. 6d., in bond ; shipment, 12s. 6d., c.i.f. CUMIN.—No Malta offering. Morocco, 52s. 6d., spot, duty paid. FENUGREEK.—Tunisian, 14s. 6d.; Morocco, 13s. 6d., duty paid. CARAWAY.—Dutch, 51s., duty paid ; market still rising. MUSTARD.—English, 24s. to 33s. 6d., according to quality.

SENEGA.—Business has been limited ; market steady. Spot, 1s. 9d.; shipment, 1s. 7d. per lb., c.i.f.

SENNA.—The demand for good green new crop Tinnevelly leaves continues satisfactory, and some of the best quality parcels have been cleared. Holders of spot goods are quoting 9½d. per lb. for good bold leaves ; No. 1 at 6d., No. 2 at 4d., No. 3 at 3¼d., and common manufacturing No. 3 at 2¾d. Tinnevelly pods remain unchanged at 5½d. to 6d. for finest hand-picked ; second quality down to 4¼d.; manufacturing grades from 2¾d. to 4d. per lb. Alexandrian pods, best-quality hand-picked, still inquired for, with a few cases of good medium offered at about 3s. duty paid, with fair supplies available of No. 2 at about 1s. 6d. to 1s. 9d., duty paid. No really fine sound exhibition quality available.

SHELLAC.—Quotations are dearer on the week, but the market is now dull. Spot, standard TN orange, 65s.; fine orange, 70s. to 122s. 6d.; pure button, 72s. 6d. per cwt. For delivery, TN, October, 60s.; December, 60s. 6d.; March, 58s. For arrival, TN, October, 54s. 6d. per cwt., c.i.f.

SQUILL.—Some supplies of good white are held for 27s. 6d. per cwt.

TRAGACANTH.—During the past week there has been a steady demand for all grades and the market is firm at former rates. Landings during September are estimated at about 560 packages, and the deliveries about 750 packages.

Imports into the United States during January-June, 1933, totalled 1,062,000 lb., valued at $195,000, compared with 687,000 lb. ($192,000) for the first half of 1932 and 848,000 lb. ($333,000) for the same period of 1931.

VALERIAN ROOT.—Reports indicate that forward prices are higher. Spot is offering in the region of 60s. per cwt.

WAX (VARIOUS).—A fair business has been done this week in Carnauba. Markets are all steady: fatty grey and chalky grey, 67s. 6d., in bond ; old crop, October-November, 63s.; new crop, December-January, 62s., c.i.f.; Primeira, 145s., in bond, and 130s., c.i.f.; Mediana, 142s., in bond, and 125s., c.i.f. BEES', Benguela, 95s.; Abyssinian, 95s.; Calcutta, 115s. per cwt. Dar-es-Salaam is very steady and in fair demand: spot, 95s.; shipment, 90s. per cwt., c.i.f.

Essential Oils, etc.

There is a very fair volume of miscellaneous business being transacted and prices are keeping steady. Lemongrass has recovered from the recent temporary weakness. Petitgrain is firm on spot. Genuine French lavender is quoted at high figures. Wormseed tends to be slightly dearer. Japanese peppermint is steadier at cheap rates.

Almond.—Market is steady, business fair: foreign, cwt. lots, 2s. 4d.; smaller parcels, up to 2s. 7d. British, cwt. lots, 2s. 6d.; smaller parcels, up to 2s. 8d. per lb.

Anise (star).—Market is steady and there has been more inquiry for shipment: spot, "Red Ship," in leads, 1s. 10½d.; in tins, 1s. 8½d.; in drums, 1s. 7½d.; shipment, in leads, 1s. 8½d.; in tins, 1s. 7d.; in drums, 1s. 6½d. per lb., c.i.f.

Apricot kernel.—British material is quoted unchanged: cwt. lots, 1s. 4d. up to 1s. 6d. per lb. for small parcels.

Bay.—Inquiry on spot is limited; dealers quote from 6s. 6d. to 7s. 3d. per lb., as to percentage.

Bergamot.—There is still only occasional inquiry for shipment with prices steady at 6s. 9d. to 7s. 2d. per lb., c.i.f., for genuine oil. Dealers are offering spot at about 6s. 3d. to 7s. 3d. per lb., as to brand and quantity. United States imports for the period January-July totalled 43,721 lb., valued at $45,373.

Bois de rose.—The market is maintained at recent advances with shipment at 4s. 1d. per lb., c.i.f. Spot sellers are asking about 4s. 3d. to 4s. 6d. per lb., as to quantity.

Cajuput.—The demand has been quiet, B.P. 1932 quality, from 2s. 1½d. to 2s. 3d. per lb.; green, 1s. 10½d. to 2s. per lb., as to quantity.

Cananga.—Market is holding at former rates on spot and shipment quotations are very steady. Spot, about 8s. 4d. to 8s. 6d., with isolated offers at less; shipment, 7s. 4d. to 7s. 6d. per lb., c.i.f.

Caraway.—Dealers report a fair business. Continental twice rectified, spot, cwt. lots, 8s. 11d.; 56 lb., 9s. 5d.; smaller quantities, up to 10s. per lb.

Cassia.—Inquiry is still very limited here. Spot, 3s. 7d. to 3s. 8d. per lb.; shipment, in drums, 3s.; in tins, 3s. 1½d. per lb., c.i.f.

Cedarwood.—A little more inquiry with prices about steady. Colonial, in drums, 1s. 5½d.; in tins, 1s. 7½d. per lb. American, in drums, 1s. 7½d. per lb., and slightly less for bulk quantities.

Cinnamon leaf.—Quoted prices are about maintained; business moderate. Spot, 2s. 9d. to 3s. per lb., as to quantity.

Citronella.—Conditions in this market are still rather poor. Business is slow and prices remain at a low level. Ceylon is fairly steady, with spot at 1s. 11d. for small parcels and about 1s. 6¼d. per lb., c.i.f. Java is slack; spot, about 2s. 4d. for small parcels; and about 1s. 8¼d. per lb., c.i.f.

Clove.—Market is steady and business is about normal. Madagascar, spot, 3s. 7d.; shipment, about 3s. per lb., c.i.f.

Eucalyptus.—A very fair inquiry with forward quotations firm. Australian, 70 to 75 per cent., 11d. to 1s.; 80 to 85 per cent., 1s. to 1s. 1d. per lb., as to quantity, landed. Spanish, 70 to 75 per cent., 1s. 2d. per lb., spot.

Geranium.—Spot business is unimportant and there is not much interest in forward. Bourbon is at about 23s. 9d. on spot and 21s. per lb., c.i.f., for genuine oil. Algerian is firm for shipment at 24s. 6d. per lb., c.i.f.

Gingergrass.—The market is still on the quiet side, with spot from 5s. 6d. to 5s. 9d. per lb., as to quantity.

Ho (Shui).—Business has been moving on a fair scale and forward is firmer. Spot is in the region of 2s. per lb., in large drums.

Juniper berry.—Some small spot business is being done, with quantities quoted at about 3s. 2d. and smaller parcels up to 3s. 6d. per lb.

Lavender.—The latest reports from origin indicate that supplies of first-quality new crop French oil are limited and prices running from 18s. to 19s. 6d. and even higher are being suggested for future business in 38 to 40 per cent. In the meantime there are sellers on spot at a good deal less. The recent sharp advances appear to have put an end to the business that was formerly moving on a good scale. Shipment prices for lavindin are also firm at high figures.

Lemon.—Except that some offers of Sicilian hand-pressed old oil are rather easier for shipment from 4s., c.i.f., the market is steady but distinctly quiet. New season's oil, December-January shipment, is offering from 4s. 4d. to 4s. 6d. per lb., c.i.f. Spot oil is offering from 3s. 9d. to 4s. 6d. per lb., as to brand and quantity. Californian is dull; spot in large drums, 48 cents; in small drums, 49 cents per lb.

According to statistics published by the Bank of Sicily the exports of Sicilian lemon oil during 1932 totalled 3,548 quintals of 220.46 lb. The following were the chief destinations: United Kingdom, 42 per cent.; United States, 17 per cent.; France, 14 per cent.; Germany, 11 per cent.

Lemongrass.—This market shows a fair recovery after the weakness of the past fortnight. Spot, 3s. 1d. to 3s. 2d. per lb.; shipment, 2s. 10d. to 2s. 11d. per lb., c.i.f.

Lime.—West Indian distilled is meeting with a moderate inquiry, with shipment of new crop oil about 29s. per lb., c.i.f. Small spot lots of old oil, about 32s. 3d. per lb.

Mandarin.—Dealers are doing some small spot business; quoted from 14s. to 15s. per lb., as to quality. Shipment, about 13s. 3d. per lb., c.i.f.

Nutmeg.—English is available at about 6s. 3d. for first-quality. Continental, about 5s. 6d., and American about 5s. 9d. per lb., spot.

Orange.—Except for the French Guinea oil inquiry has been slow, but quotations are steady. Sicilian sweet, spot, 5s. to 5s. 6d. per lb., as to brand and quantity; shipment, 5s. 3d. to 5s. 6d., c.i.f. Californian has not been in much demand: spot, one case, 61 cents; two or more cases, 56 cents per lb. French Colonial is keeping steady, and inquiry for the new crop is sustained, with the quotation about 2s. 10d. per lb., c.i.f., and less for large bulk lots. Spot in small parcels, about 3s. 6d. per lb.

Palmarosa.—Business has remained slow, with the market about steady. Spot, 7s. 2d. to 7s. 3d.; shipment, about 6s. 8d. per lb., c.i.f.

Patchouli.—Some occasional small inquiry; market steady. Spot, 7s. 3d.; shipment, 6s. 6d. per lb., c.i.f.

Peppermint.—The market is rather steadier this week with more inquiry for shipment. Japanese dementholised, spot, about 4s. 3d.; shipment, October-December, 3s. 2d.; January-March, 3s. 1d. per lb., c.i.f. American natural oil in drums is still practically nominal from 2 dollars 55 cents per lb., c.i.f.

Petitgrain.—This market is reported firm on spot with shippers not offering. Spot holders are holding for 4s. 4½d. to 4s. 6d. per lb., as to quantity.

Sandalwood.—British-made West Indian is quoted as follows: cwt. lots., 6s. 9d.; 56 lb., 6s. 10½d.; 14 lb., 7s. per lb. Genuine East Indian, 20s. per lb. from first-hands.

Spearmint.—There is not much inquiry on the market, with the quotation about 7s. 3d. to 7s. 6d. per lb., as to quantity.

Spike.—This market is firm at former figures for Spanish new crop at 4s. 4d. to 4s. 6d. per lb., landed, for best quality. French, new crop, for shipment, 7s. 3d. per lb., landed.

Wormseed.—The market is quoted dearer and business has been fair: spot, 11s. 6d.; shipment, 10s. 3d. per lb., c.i.f.

Coal Tar Products, etc.

Some products in this section continue firm at recent advances, toluol, xylol and solvent naphthas being prominent. Cresylic acid and creosote are very steady. Pitch has been rather quiet but is likely to attract more attention soon. Benzol.—Market is about unchanged and business is average: standard motor 90's, 1s. 4½d. to 1s. 5½d. per gallon, in tank wagons, ex works; pure, 2s. 3d. per gallon. Carbolic acid crystals (39° to 40° C.).—A fair amount of small business is reported with prices holding at about 9¾d. up to 11d. per lb., packages free, carriage paid, with supplies rather better. Crude carbolic 60's is fully steady at 2s. 7d. per gallon, naked. Cresylic acid.—The special qualities are the strong feature of this market, with the ordinary grades receiving rather more inquiry: pale 99 to 100 per cent., 1s. 3d. to 1s. 4d.; dark 95 per cent., 11d.; special qualities, 2s. 3d. to 2s. 6d. per gallon, ex works. American duty-free acid, dearer at 1s. 4d. to 1s. 6d. per gallon, f.o.b. Creosote oil.—The market is rather dearer and firm with supplies limited. Quoted from 4d. to 4¾d. per gallon, f.o.r. makers' works, South England. Kerosene.—Market quotations are unchanged: water white, 10d.; standard white, 9d. per gallon, in barrels, ex wharf, London; in bulk, 2d. per gallon less. Motor spirit.—Distributors' prices are steadily maintained: No. 1, 1s. 4d. per gallon, delivered in bulk for England, Wales and South Scotland; 1s. 4½d. for Belfast; and 1s. 5d. for remainder of Northern Ireland and North Scotland; 1s. 5d. for Irish Free State; with Dublin 1s. 4d. per gallon. No. 3 spirit, 2d. per gallon less, and aviation spirit 4d. per gallon more in all cases. 1d. to 2d. per gallon more in two-gallon tins, as to district. Pitch.—There is not much business so far this season, market steady; quoted at 75s. to 77s. 6d. per ton, f.o.b. East Coast. Solvent naphthas.—The 90 to 160 quality is still scarce and firm at high rates; 90 to 190 in free supply, market steady: 90 to 160, 1s. 6d.; heavy, 90 to 190, 1s. to 1s. 1d. per gallon, naked at works. Toluol.—The main feature is the shortage of the pure quality; market very steady: commercial 90's, 2s. 5d.; pure, 2s. 9d. to 2s. 10d. per gallon, ex works, London. Xylol.—Market is fully steady at former prices: commercial, 2s. 3d.; pure, 2s. 5d. per gallon, ex works, London.

Correspondence

Letters should be written on one side of the paper only. Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor

Pharmaceutical Society of Ireland

SIR,—I wish to express, through the medium of your journal, my sincere thanks to all my supporters whose votes secured my re-election on the Council of the Pharmaceutical Society of Ireland.

Yours faithfully,
DAVID WARWICK.

20 Upper Baggot Street, Dublin.

Parrish's Food

SIR,—Your remarks on the position of Parrish's Food (*C. & D.*, September 30, p. 425) are timely and welcome. When we knew the date on which the new B.P. was coming into force I sold out my stock of this preparation, which I used to buy from a recognised wholesale house, made according to their own formula with a good bright colour, palatable taste, and keeping well, one which I had supplied for years with every satisfaction. Since then I have supplied the B.P. article so that there should be no possibility of trouble if a sample were taken, and customers bring it back complaining of the colour and taste, some of them stating that their children will not take it now, although they took the old one readily. I have no doubt that other chemists have the same difficulty.—Faithfully yours,

FERRIFOS (9/10).

SIR,—"Xrayser" brings before us (*C. & D.*, October 7, p. 441) a vexed (and vexing) matter, the matter of synonyms in the British Pharmacopœia. The compilers of the B.P. have the right to include in that volume what formulas they consider necessary and to give a formula a name by which it will be recognised, but they are not justified in appending to any formula they adopt for inclusion, and publish, in the B.P. a "popular" name or the name of recognised domestic medicament if the formula published differs from the formula or formulas in use. Take Gregory's powder (quite a good thing to take, as all Scots know): the formula of the B.P., 1932, differs from the formula of the 1914 B.P., and that differs, as does also that of the 1932 B.P., from that of 1885. I haven't my 1898 B.P. by me at present, and cannot remember whether it differed from each and all of those quoted; but according to Mr. Euclid, "things which are equal to the same thing are equal to one another"; therefore if one of the formulas is Gregory's powder, none of the rest is. One may say the difference is too small for notice: that is not the question—it is the principle involved. But principle does not seem to be of much account by those who represent us; hence our (want of) position in the political, social, civic or business world of to-day.

Yours faithfully,
CONSERVATIVE AND THEREFORE REBEL (9/10).

Price Cutting

SIR,—In a recent issue of the *C. & D.* (September 23, p. 401) I read that the West Ham Association held a meeting to discuss the price cutting in that area. This trouble is always present in business in some form or other. The big multiple shops adhere to the P.A.T.A. minimum prices, but by reason of the large turnover and greater purchasing power, or by running their own factories, they can sell drugs loose and packed at a much lower rate than the figures in the retail price lists, or than the small chemist can afford to do. The unqualified shops, opened expressly for the purpose of selling chemists' goods at cut prices, sell all kinds of proprietaries and toilet lines, P.A.T.A. goods included, below the fixed price. And worst of all, there is the chemist who fouls his own nest by cutting the prices of proprietaries which have their own minimum retail although not on the P.A.T.A. list. So between these three, the chemist who adheres to the listed price is left with nothing to sell in which he is not dearer than his competitors, and his returns sink lower and lower unless he plays the same game. It is obvious that if we were all to do this, fixed prices would be heard of no more and all kinds of goods would be cut to cost price. We are told that the cut-price shops obtain many of their supplies from renegade chemists. But they seem to have unlimited supplies of protected lines, they have the latest packs, and they have the window-display material. Do the chemists supply the showcards as well?

Yours truly,
CHARYBDIS (10/10).

Travellers

SIR,—As a veteran of forty-two years "on the road," my views on this subject may be of interest. Changes are inevitable in the course of time, and the change in the personality of representatives who call upon chemists is considerable. Much of the (perhaps) old-fashioned courtesy has disappeared; for instance, the smoking of cigarettes whilst talking with a customer would have been regarded as a grave breach of manners by the "old brigade." This is not altogether the fault of the traveller, who is often offered a cigarette by his client, and it seems to be the trend of the times. This is not a condemnation of smoking as such—being a smoker myself—but simply a comparison between then and now. To enter a shop where a traveller was already engaged was an unpardonable breach of etiquette; and in the case of a customer of the chemist who wished for a confidential service, the traveller would retire out of earshot—or even outside, in the case of a lady. The older man was not always a qualified chemist, but he knew his business; his advice was generally worth taking, his customers relied on his assurance of fair treatment regarding prices, and he was not called upon to give the lowest limit for each line. The tendency now is to send young chemists everywhere with a long list of low limits; and they obtain the order until another, with lower limits, gets to work. The advent of the motor car has greatly increased the facilities for making calls in out-of-the-way districts; and where the older men had to hire a horse-drawn conveyance or walk, the modern man simply goes everywhere in his own or the firm's car. Speeding up is everywhere evident; the delivery of goods and collection of empties by motor vans, while being very convenient for the chemist, has caused him to keep less stocks and obtain oftener, and in smaller quantities, and has, at the same time, increased the cost to the wholesaler. The older men were not all gentlemen; some of them developed a pompous and overbearing manner, which must have been very objectionable to a young chemist just starting; but on the whole they were of the best type, and when they met in their hotel after the day's work, they were all friends together. Incidentally the commercial room was their home, and an unwritten law would not allow smoking there until 9 o'clock, when all meals were considered over. In conclusion I wish to record my admiration for the patient and good-tempered manner in which most of us are received, when one remembers the multitude of callers on the chemist who are quite unnecessary.—Yours, etc.,

A. NEWTON.

Manchester.

Veterinary Trade

SIR,—The letter by "Critique" in the *C. & D.*, October 7, p. 463, is timely. There are of course exceptions, but it can be said with truth that the private chemist is losing opportunities of doing business which in the course of twelve months total up to many thousands of pounds' net profit. The reasons for the present state of affairs seem to be as follows:—(1) The changing buying habits of the farmer. Farming to-day is much more scientific than it used to be, and a new class of trader is springing up for the supply of all the goods the farmer needs for his calling. (2) The chemist of to-day does not want

messy work, and too often veterinary business answers this description. (3) One multiple shop company is doing the work exceedingly well and cheaply. It is being done so cheaply, partly because there is only one profit margin to be provided for, and that is their own—the manufacturers'. If the chemist is to compete there are two profits, sometimes three, to be considered. (4) Many farmers, and particularly poultry farmers, can buy some preparations, e.g., cod-liver oil, in such large quantities that they go direct to the manufacturer, cutting out the wholesaler and retailer. If the chemist who is conveniently placed for veterinary business will go out for it, push it and get to know all there is to be known about it, he will find that even to-day the average farmer can be persuaded to come to him for his requirements.

Yours truly,

COUNTRY CHEMIST (8/10).

SIR,—"Critique" in his letter on "Veterinary Trade" (*C. & D.*, October 7, p. 463), touches a problem which is disturbing many chemists in agricultural districts, and asks, "Can anything be done to stop the rot?" After many years in that class of business, I have, since adopting a semi-retirement, spent considerable time on farms, sure of a cordial welcome from former patrons, and this affords opportunity to view the subject from a different angle. It is true that farmers are notoriously keen buyers; this is forced on them by the present condition of agriculture, and is fostered by their eternal wrestling with Nature. There is little room for sentiment, but the farmer is quick enough to perceive advantages and is loyal to fair treatment. The good old days of "nost" cattle medicines have, I fear, gone for ever, but there is still a large market for altered requirements. Times change and chemists must change with the times; they must keep abreast, or better still keep ahead. To meet present conditions the man who wishes to succeed must know his subject. If able to advise on modern methods of animal doctoring he will secure confidence and custom, and need not fear the price list mentioned by "Critique." That, I can state from experience, may be countered successfully, and after all it is issued to meet the insidious competition of firms (not all pharmacists) who send well-informed travellers direct to the farms. There is undoubtedly trade to be done, but it is so well sought that the chemist who desires a share must "take off his coat," be prepared to meet quantity prices, and prime himself with current information. For example, if he can give instruction on procedure such as treatment of husk by inter-tracheal injection; expound serum and vaccine therapy in, say, swine erysipelas; or enter into a really knowledgeable discussion on the necessary vitamin or mineral content of animal rations, then (and then only) will he get a grip on farmer clients and receive their orders. How much do pharmacists know about recent therapy and treatment of animals?—a question which I think is the key to "Critique's" problem.

Yours faithfully,

H. S. BRAWN.

Bedford.

Subscribers' Symposium

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Appreciations

Allow me to congratulate you on your 1933 Special Issue. From cover to cover there is evidence of the work of the craftsman. I fail to see how any chemist can advance a reasonable excuse for remaining outside the ranks of subscribers to the *C. & D.*—*R. C.* (New Zealand).

I am glad to find that the old *C. & D.* is as good as ever; having been out of business for a considerable time, I am glad to see the paper again. My daughter advertised a week ago for a materia medica cabinet. She received fourteen replies, and got a really good one. I consider this great for such a thing. I never thought she would get a reply.—*G. E.* (5/10).

Miscellaneous Inquiries

When samples are sent particulars should be supplied to us as to their origin, what they are, what they are used for, and how. We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them

P. B. (3/98).—DYSENTERY IN CATTLE.—Bloody flux is another name for dysentery. In treating this complaint give a mild oleaginous aperient followed by opiates and antacids. Keep the animal warm and drench with

Linseed oil	½ pint
Tincture of catechu	1 oz.
Chalk	½ oz.

If not relieved in five hours give either of the following:—

Bismuth. carb. ...	ʒiv.	Ol. caryoph. ...	ʒss.
Cret. prep.	ʒj.	Mag. carb.,	
Ac tannic.	ʒiv.	Sod. bicarb.,	
One dose three or four times daily in gruel.		Spt. am. co.,	
		Tr. zingib.,	
		Chlorodyn. ... aa.	ʒiij.
		Water	Oiss.
		To be given every six hours.	

T. U. (5/9).—Your specimen of a flowering plant found on the bank of the Thames at Chiswick is a garden balsam (*Impatiens Roylei*). This is an Indian plant introduced several years ago into England, and is found in several waste places in the country as an escape from cultivation.

A. W. (8/9).—EDIBLE OILS.—Edible oil is frequently further described, as for example, "Provence oil," "Aix oil" or "Lucca oil," all of which are intended to indicate that the oil is a "virgin oil," low in free fatty acids, and of the best edible quality. The oil made from poppy seeds is edible and is sometimes mixed with olive oil for "salad oil," but this should not be described as "Lucca oil." The poppy-seed oil obtained from European seeds is known as Huile d'œillette; that expressed from Oriental seed is known as Huile de pavot. There is a luffa seed oil used for edible purposes in India. It is expressed from the seeds of *Luffa egyptica*, but it is not known in Europe commercially.

L. D. (3/95).—LIQUID SOAP.—A preparation suitable for use in soap dispensers is best made from a mixture of soft soap and coconut oil soap as follows:—

Soft soap...	16 oz.
Coconut oil soap	8 oz.
Distilled water ... ... to	1 gallon

The addition of approximately 2½ per cent. of alcohol partially clears the resulting solution. These soaps usually deposit and clarify on standing.

Retrospect of Fifty Years Ago

Reprinted from "The Chemist and Druggist," October 15, 1883

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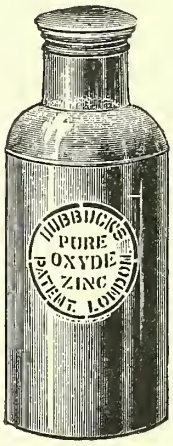

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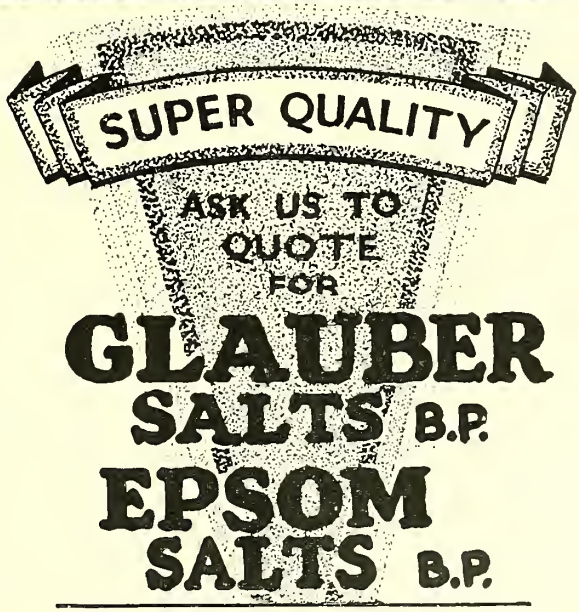

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PARAFFINUM LIQUIDUM B.P.
ALL SPECIFIC GRAVITIES GUARANTEED TO REMAIN BRIGHT AT 0° C.

B.P. WHITE & YELLOW PETROLEUM JELLIES

WHITE AND HALF WHITE OILS

SEND FOR SAMPLES AND QUOTATIONS (WHOLESALE ONLY)

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THE SAFEST AND BEST PREPARATION OF OPIUM.

The word "Nepenthe" is registered under the Trade Marks Act, and is our exclusive property. No substitute may be dispensed when "Nepenthe" is ordered in a prescription. "Nepenthe" comes within the regulations of the Dangerous Drugs Act, 1920.

FERRIS & COMPANY, LIMITED, BRISTOL.

BLYTON, ASTLEY & CO. LTD.
Eagle Laboratories, Lr. Broughton, Manchester,
FOR
LOZENGES, PASTILLES, "MENTHELLS,"
and Quick-Selling SPECIALITIES.

DUTCH DROPS
The Original HAARLEM OIL
Claus Filly
Also in Capsule Form.
We are Sole Distributing Agents for the British Isles, British Colonies, Scandinavian Countries, Spain and South America.
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BEE-HIVE TRADE MARK
REGISTERED FOR OUR WELL-KNOWN BRANDS OF CERESINE WAXES

WHITE BLEACHED CARNAUBA WAX VARIOUS GRADES AND RESIDUE
BEESWAX WHITE, YELLOW AND COMPOSITION PARAFFIN WAX ALL MELTING POINTS
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LIQUID PARAFFIN

High Gravity and Viscosity, Non-Freezing, Tasteless and Odourless.

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PETROLEUM JELLY
White & Yellow
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Medicinal & Veterinary
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LUBRICATING OILS

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All Qualities Guaranteed to Comply with Revised Specifications.

Enquiries Invited and Samples on Request.

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Arnoco House, Quayside
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Specialize in the manufacture of all varieties of

MEDICINAL GELATINE CAPSULES

FERBERS CARBON TETRACHLORIDE CAPSULES

are hand made capsules and contain the full quantity of pure Carbon Tetrachloride B.P. as indicated on the labels. These capsules are offered at competitive prices in bulk or boxed to suit customers' requirements. Large stocks are maintained ready for immediate dispatch.

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DRY FILLED CAPSULES
ERGOTA PRÆPARATA
5 gr. N.H.I.F.
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Output of Capsules to special formulæ and capsules containing customers' own ingredients runs into many millions annually. Your enquiries are solicited and no matter how large or how small your requirements may be, prompt delivery can be given.

Specify FERBERS CAPSULES They will not cost you more and you will get the best.

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BUY FROM THE MANUFACTURERS AND SAVE MONEY

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SULPHUR CANDLES

Dania Brand Sulphur Candles are made with the finest Sulphur and are free from Arsenic and Selenium. They light easily and burn safely and freely. Quotation will be sent on receipt of trade enquiry for any quantity, large or small.

Made in two sizes, nominal ½ lb. and 1 lb.

RICHARD DANIEL & SON, LIMITED
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BRAND **Okasa** TABLETS
THE RECOGNISED LEADING
HORMONE-GLAND Preparation
For the Treatment of all NEURASTHENIC DISORDERS
SILVER FOR MEN — GOLD FOR WOMEN

PRICES: Box containing 35 Tablets - 5/-
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SOLD ALL OVER THE WORLD
SHOWCARDS & WINDOW DISPLAYS AVAILABLE

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Wholesale and Export Druggists, Malt Extract Manufacturers.
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Manufacturers of all kinds of Malt Products, Lactomaltine, Sunray Malt and Malt and Oil, Strenthol Vitamin Malt, Kem-Malt (Malt Extract with Parrish's Food), Kem-Malt and Oil (Malt and Oil with Parrish's Food), Bonum Irradiated Emulsion, Bonum Cod Liver Oil Emulsion, Sunray Vitamin Cream, Liquid Extract of Malt, Special Liquid Cascara, Cascara Cordial, Sunray and Lucca Cream Olive Oils, and General Packed Specialties.
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DR. JAILLET'S
Pepto-Fer DIGESTIVE AND INVIGORATING TONIC
for use in
Digestive Anaemia.
Anaemia of Respiratory Origin.
Consumptive Anaemia.
Anaemia of Convalescence.
Anaemia due to Mental or Physical Overwork.
Anaemia contracted in hot climates.
Fifty years' success permits us to affirm that Pepto-Fer gives excellent results in all cases of anaemia particularly in hot climates.
All enquiries to—
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An old line in

a new box at 3d

This 3d. box brings GRIPS within the reach of every person who enters or passes your shop. The price range is now 3d., 6d., 1s. and loose by weight at 2½d. per ounce. Everything points to a cold winter—a GRIPS winter. Be ready for the scoop that our dealers made last winter, when they sold out again and again and were wiring orders to us.

Get your stocks in NOW.

Distributors to the Wholesale & Retail Chemists Trades:—

THOS. CHRISTY & CO.,

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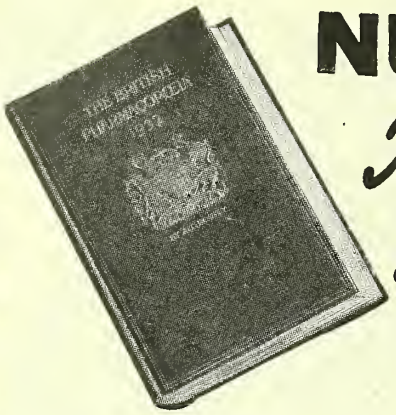
GRIPS First Aid Pastilles

Made by J. W. LIGHTBOWN & SONS, LTD., ACCRINGTON



NUMOL

These are given away!

Chemists who are interested in the sale of NUMOL and Pinelyptus Pastilles should write for particulars of the

WINTER BONUS OFFER

A copy of the new Pharmacopœia is being given free for £10 orders

THIS OFFER CLOSES ON OCTOBER 21st, 1933

Write to NUMOL LIMITED, Elswick Road, Newcastle-on-Tyne

Paraffinum Liquidum B.P.

ALL GRADES
SAMPLES & PRICES

On application to —

STERNS LTD

16 Finsbury Square London E.C.2

Telephone: National 7644 (7 lines).
Telegrams: "Centumvir, Telew, London."

WHOLESALE ONLY

ARCHANIUM

RECOGNISED BY MANY DOCTORS AS THE

BEST REMEDY *for*

RHEUMATOID ARTHRITIS, OSTEO-ARTHRITIS, LUMBAGO, SCIATICA, NEURITIS, RHEUMATISM.

Liberal Terms.

Write for full particulars to Distributors:
STAPLETON & SON, 34 Yew Tree Road, SOUTHBOROUGH, Kent.
Rep. in Ireland: R. I. VINT, 6 Elgin Rd., Dublin

Fox's

FINEST CREAM SUBLIME

OLIVE OIL

There is no purer Olive Oil. It is par excellence the article for medicinal or culinary purposes. In 5 gallon and 40 gallon free drums.

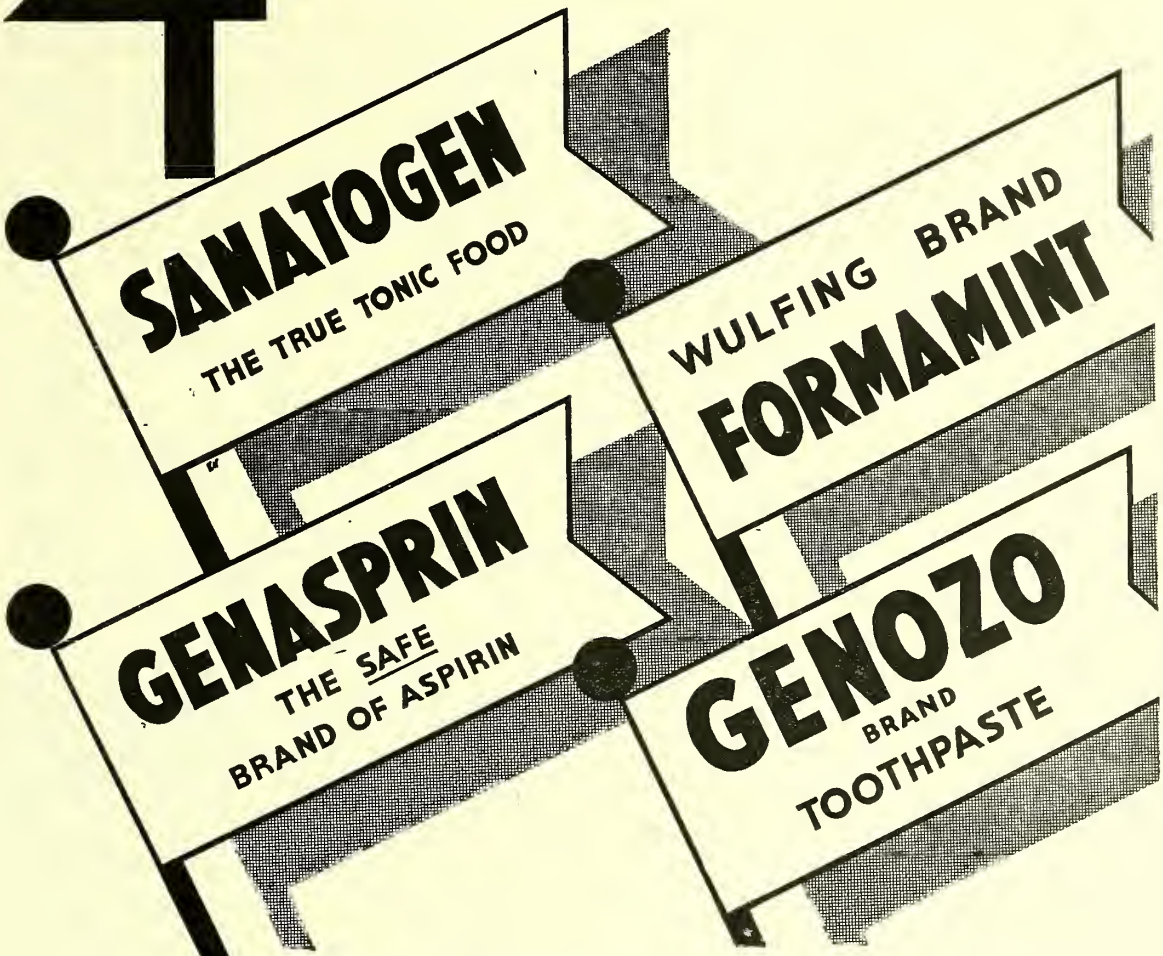
MEDICINAL LIQUID PARAFFIN B.P.

DRYSALTERIES OF ALL DESCRIPTIONS

FRANCIS F. FOX & CO. LTD

BRISTOL AND BIRMINGHAM *Est. over 100 Years*

4 GOOD REASONS for INCREASED PROFITS



All Chemists find it pays to stock these four famous Genatosan lines. They have a reputation with the public because they do all that is claimed for them. The medical profession prescribes them. Consistent advertising constantly widens the demand. And the profit on each line is really generous—the more so if you buy them on Direct Cash Terms.

If you have not yet taken advantage of these special terms, write for full details—forwarded by return.

GENATOSAN
LIMITED
LOUGHBOROUGH + LEICESTERSHIRE

Telephone: Loughborough 292. Telegrams: "Genatosan, Loughborough."

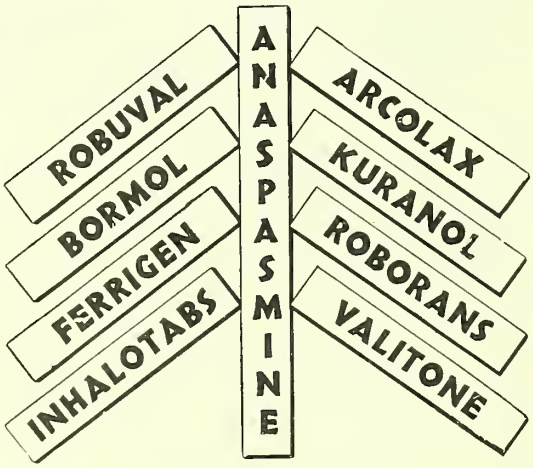
Everyone flocks to your shop to buy JOCKS

Consider the rigours of winter, with its chilly blasts, its damp and its fog, and there is little wonder that such a large proportion of your customers require a reliable medicated lozenge to ease and soothe their throat and chest troubles. They will all like "Jocks" because they do their job efficiently, are of a pleasant flavour and most beneficial.

Retailing at 3d. per tin, they are just the line to keep you busy. Priced at 2/3d. per doz. tins. Sample on application to:

HIRST, BROOKE & HIRST LTD.
Manufacturing Chemists,
SHEEPSCAR WORKS, LEEDS

PRESCRIBED LINES



Manufactured and Advertised to the Medical Profession by

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Pharmaciens to H.M. The King
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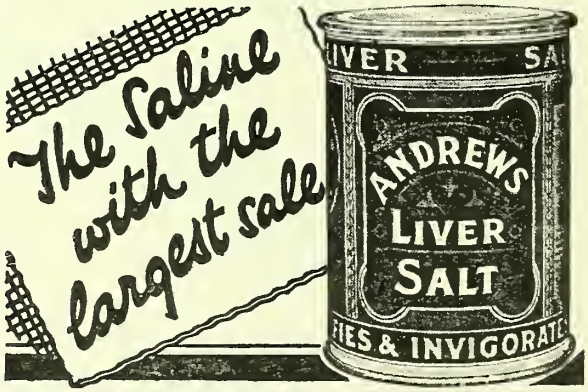
'Phone: Mayfair 4173 'Grams: Parilond, London



GARFIELD TEA

FOR CONSTIPATION
PROMPT SHIPMENT
ALL SIZES
'Phone or Write:
GARFIELD TEA CO.
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Pharmacists will best serve their interests by selling the

FINEST PREPARATION OF ITS KIND MADE

Its Composition and Efficacy Guaranteed by "FELLOWS"

Profits Guaranteed by the P. A. T. A.

PRICE: Large Bottle, 7/—. Small Bottle, 4/—.

FELLOWS MEDICAL MFG. CO., Ltd., Montreal, Canada

Buy direct from the Makers

SCINTILLATING SIGN SERVICE
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ISLINGTON, N.1

All Types of Chemists' Signs. Illuminated and Non-illuminated

PRICES ON APPLICATION

GLOSSY SELF-ADHESIVE SEALING TAPE

SEALS TRANSPARENT WRAPPING

Seals instantly. No moisture or heat required. Available in a useful range of colours.

WRITE FOR COLOUR CARD AND PRICES

SAMUEL JONES & CO. LTD.
BRIDEWELL PL., LONDON, E.C.4

WE SUPPLY

DECORATED TINS

FOR PACKING

OINTMENTS

AND OTHER PRODUCTS.

SAMPLES AND PRICES UPON REQUEST.

THE CALDICOT TIN STAMPING WORKS LTD.
CALDICOT, Nr. CHEPSTOW, Mon.

NOBBY'S
EXTRACT BARLEY MALT and HOPS

PUT UP IN TWO PACKS
LIGHT FOR MAKING ALE
DARK FOR MAKING STOUT
YEAST SUPPLIED WITH EACH TIN

Once a customer tries this line, he will buy it again and again. This is a line you can afford to display and recommend. Your usual Wholesaler stocks it, or you can obtain samples and prices direct from:

NOBBY'S PRODUCTS LIMITED
4 Cannon Street, Manchester, 3

SELL BRITISH!
HARROGATE SPA SPARKLING TABLE WATER
Bottled and Aerated for the Corporation of Harrogate from one of Harrogate's 88 Springs by CAMWAL LTD.

AQUAPERIA The British Medicinal Aperient Water
Bottled by CAMWAL LTD.

CAMWAL Ltd. *Factories at:* London, Manchester, Birmingham Bristol, Harrogate.
WEST END OFFICES: 123 Pall Mall, S.W.1

STOPPERS
AND BAKELITE SCREW CAPS

200 Varieties Any Colour.

A suitable Composition Stopper will enhance the selling value of your package. Let us fit your Bottles and quote you.

T. WEBSTER & Co., Ltd. *Telephone:* *Mountview* 0952
Diamine House, Middle Lane, Hornsey, LONDON, N.8

CACHETS "FINOT"
(*White or Coloured*)
With inscriptions in any desired tint; also Plain or Embossed.
"A distinction all their own."—*C. & D.*
"Perfection of Cachets."—*Lancet.*
These Cachets are especially adapted for Headache, Neuralgia and other powders.
COOPER SON & CO. LTD., 80 Gloucester Road, SOUTH KENSINGTON
In 17 Sizes to fit the various types of Cachet Machines.

MAWSON FILTERS
always give satisfaction. They eliminate all risk of water contamination. Simple in construction, they do their job efficiently at a minimum cost. They have a world-wide reputation. May we send you our descriptive list? Overseas enquiries specially invited.

The MAWSON FILTER Co., 20 Grainger St. W., Newcastle-on-Tyne

PURE ORANGE WINE
A. MILLAR & CO., LTD., DUBLIN
(VINUM AURANTII B.P. 1914.) Prepared in strict accordance with the Formula of the British Pharmacopœia. (Wholesale only.)
Samples from Head Office, Thomas Street, DUBLIN, or London Office, 74 Great Tower Street, LONDON, E.C.3.

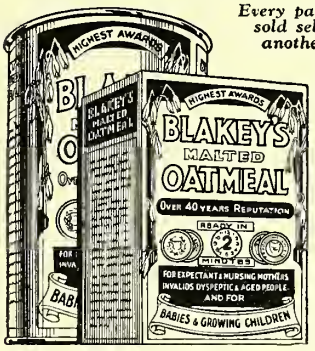
WE want to draw your special attention to the huge advertising campaign in the great national newspapers, "The Daily Mail," "The Daily Herald," "The Daily Express," "Reynolds's Illustrated News," etc., etc., for

BLAKEY'S MALTED OATMEAL

commencing with "THE DAILY MAIL" (whole page), November 3rd, 1933

You will see and hear this slogan everywhere **"MY BABY LOVES IT!"**

Make sure you have a window display for the opening weeks of this great campaign. We are issuing attractive showcards, window bills, advertisement reprints, recipe books and entry forms for the great free insurance scheme.



Every packet sold sells another

See that you are well stocked with supplies, ready for the big demand on November 3rd.

Blakey's is a perfect food for babies, expectant and nursing mothers, and a splendid food for all the family—young and old. Takes only two minutes to prepare. The most economical food ever produced.

A 6d. CARTON MAKES 35 MEALS.

Blakey's Malted Oatmeal has been sold in Lincoln and district for over 40 years and is now distributed everywhere.

CARTONS 6d. TINS 1/3

BLAKEY'S MALTED OATMEAL, LINCOLN

D C L BRAND YEAST

This famous Brand of Yeast is now available for Medicinal use in—

TABLET FORM

60 Tablets 1s. 6d. **120 Tablets 2s. 6d.**

Retail Discount 33⅓%. Wholesale Discount 16⅔%.

All Orders Carriage Paid.

Supplies now available through usual Wholesale channels, and from The United Yeast Co., Ltd., London, Birmingham, Bristol, Leeds, Manchester and Newcastle, or from

THE DISTILLERS CO., LTD.
EDINBURGH

THE USE OF "D.C.L." YEAST WILL PROMOTE BETTER HEALTH AND IS RECOMMENDED FOR IMPROVING THE CONDITION OF THE BLOOD AND FOR THE TREATMENT OF SKIN ERUPTIONS, CONSTIPATION, INDIGESTION AND NERVOUS DISORDERS.

LOSALL'S SALT

Sells freely and readily. PAYS 50% ON OUTLAY

An infallible remedy for

GOUT, RHEUMATISM, ECZEMA and SKIN AFFECTIONS.

P.A.T.A.

4 oz. tins 1/-
8/- doz. net
8 oz. tins 1/9
14/- doz. net
Bottles 2/-
16/- doz. net

Attractive advertising matter supplied on application

SOLD EVERYWHERE

Manufactured by

LOFTHOUSE & SALTMER, Ltd.
HULL

Quote this letter about Lactogen to your customers

"I shall be very pleased to recommend Lactogen as a perfect Food for infants. Over 300 babies have been fed on Lactogen (quite a few from birth) in this Home, and in each case the Baby has been both healthy and contented."—Matron of a Nursing Home.

When a Matron of a Nursing Home goes on record saying "Lactogen is a perfect food for infants"; and when she backs that up by mentioning that more than 300 babies have been fed on Lactogen in that Home and all are doing well. Then you may be sure you are doing the right thing when you advise mothers to "Put Baby on Lactogen."
Lactogen, which is packed in hermetically sealed tins, is pure, fresh, full-cream milk from specially selected English herds, modified by the addition of extra cream and natural milk sugar. When reconstituted by the addition of boiled water, Lactogen is in all important respects exactly like breast milk.

Send to-day for full particulars and terms to the Lactogen Bureau (Dept. AZ 81A), Nestlé and Anglo-Swiss Condensed Milk Co., 6 & 8 Eastcheap, London, E.C.3.

"LACTOGEN"
REGD. TRADE MARK
BETTER MILK FOR BABIES

Lactogen — prepared by Nestlé's — is a modified dried milk for use in infant feeding.

2/9 PER TIN
P.A.T.A

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ESTABLISHED 1793.

The Best and Safest Infants' Medicine of over 130 years' standing.

ATKINSON & BARKER'S
INFANTS' PRESERVATIVE

Does not contain any Scheduled Poison.

ROBERT BARKER & SON, LTD., 13 WESLEY STREET, C. on M., MANCHESTER

The Astounding "Repeat" Business of HERBARAS

FACTS THAT WILL INTEREST YOU There is a growing demand among critical people for a **natural** treatment for constipation ● This demand stimulated by our educational advertising has **exceeded** expectations ● In 3 months only, Trade "Repeat" business has increased by 823%! ● The Herbaras treatment is the emollient action of seeds of a selected plantago type ● It is being increasingly prescribed and recommended by the Medical and Nursing professions. ● THE GOODWILL OF EVERY LOCAL ORDER IS HANDED OVER TO THE LOCAL CHEMIST.

P.A.T.A. TERMS

1/9	(¼ lb. packet)	15/9 per doz.
3/-	(½ lb. ,,)	27/- ,, ,,
5/-	(1 lb. ,,)	45/- ,, ,,
9/6	(2 lb. ,,)	85/6 ,, ,,

All orders over £1 NETT sent Carriage Paid.
Counter or Window Display Terms on application.

JOHN W. LONGMAN LTD. *Overseas Produce Merchants & Importers*

C.D. CLYDE HOUSE,
489a Oxford Street,
LONDON, W.1.

A PERMANENT 'ASPRO' DISPLAY

MEANS DOUBLE 'ASPRO' SALES

AND MANY NEW CUSTOMERS FOR OTHER LINES AS WELL

'ASPRO' is the most powerfully advertised line of its kind in the world. Over 300 papers, with a total circulation of more than 32,000,000, carry the 'ASPRO' message several times monthly into almost every home in the country. Display 'ASPRO' continuously in your window and shop, and you will benefit from this enormous campaign just as though you paid for the advertisements yourself. Not only will your 'ASPRO' sales be doubled, but the display will bring new customers to your shop who will purchase other lines as well. This has been proved by many enterprising chemists. Write us to-day for our current window display and test it for yourself. You will see how quickly the public respond to the 'All-British' appeal of 'ASPRO.' There are also frequent changes of window stickers and giant cartons available.

'ASPRO' consists of the purest Acetylsalicylic Acid that has ever been known to Medical Science, and its claims are based on its superiority.

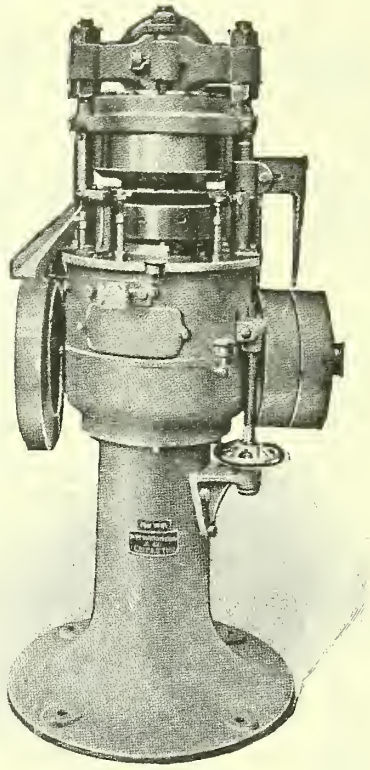
Agents— **GOLLIN & CO., Pty., Ltd.** ('Aspro' Dept.) SLOUGH, BUCKS. Phone: SLOUGH 666.

Made by ASPRO LTD., SLOUGH, ENGLAND.

No proprietary right is claimed in the method of manufacture or the formula.

'ASPRO' REGISTERED TRADE MARK

'ASPRO' IS ALL BRITISH



S. W. WILKINSON & CO.

WESTERN ROAD, LEICESTER.

Rotary Tablet Machines

These Machines are now made in 4 sizes :

12-Punch Ordinary for Tablets from $\frac{3}{8}''$ to $\frac{7}{8}''$ diameter. Output 400 per min.

20-Punch Ordinary for Tablets from $\frac{1}{4}''$ to $\frac{1}{2}''$ diameter. Output 700 per min.

12-Punch Heavy for thick Tablets and Blocks 1″ diameter. Output 250 per min.

18-Punch Heavy for thick Tablets and Blocks 1″ diameter. Output 400 per min.

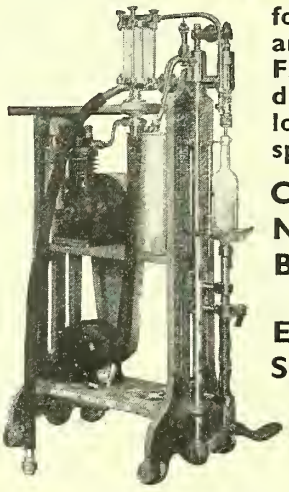
LISTS ON APPLICATION.

Single Punch Machines made in 5 sizes for Tablets from $\frac{1}{8}''$ to $1\frac{1}{2}''$ diameter, also Lozenges.

MACHINES FOR BATH SALT TABLETS

ROBERTS' PATENT

"LEO" VACUUM FILLER



for Glass, Stone, and Tin Bottles. Fills all sizes from drachm to quart—long, short or sprinkler neck.

Clean and Rapid
No Over Filling
Broken Bottles Rejected
Easy to Clean
Self Rinsing

WRITE FOR PARTICULARS

Roberts' Patent Filling Machine Co.

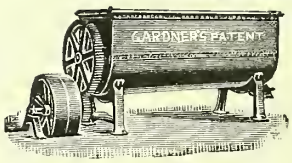
T. ROBERTS, Proprietor,

33 Roundcroft Street, Bolton, Lancashire

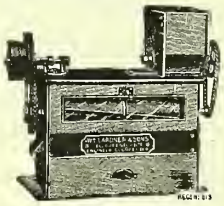
Makers of every description of Bottle Filling and Shallow Jar and Tin Filling Machine for the Chemists' use.

ALL RIGHTS RESERVED

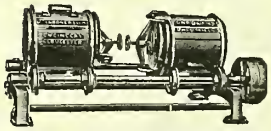
GRINDING SIFTING MIXING



Patent "Rapid" Mixer.



Patent "Rapid" Sifter.



Gardner Ball Crushing Mill.

for Chemical purposes must be rapid, superfine, of laboratory accuracy, and absolutely consistent.

Gardner machines perform all these operations in the most efficient way.

They are economical and efficient; a high standard is maintained in the quality and quantity of their output.

Details and Catalogue of all Gardner plants from

WM. GARDNER & SONS (Gloucester) LTD.

BRISTOL ROAD, GLOUCESTER

Telephone : 2288 (2 lines).
Telegrams : "Gardner, Gloucester."
London Office : 19 Gray's Inn Chmbrs. 20 High Holborn, W.C.1.
Telephone : Chancery 7347.

"SURCO"

RELIABLE

ELASTIC HOSIERY

SEAMED & SEAMLESS

For special garments to measure we maintain a 24 hour service.

:: BODY BELTS ::
TRUSSES :: SUNDRIES

Write for Catalogue.

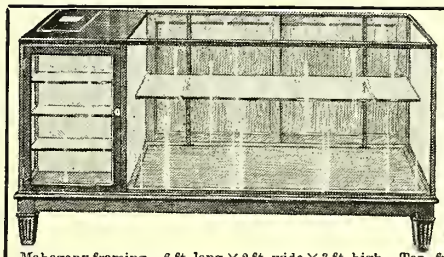
SURGICAL HOSIERY CO., LTD.
Russell Street :: NOTTINGHAM
Telephone No.: 75903. Telegrams: SURGICAL, NOTTM.

Best sellers
The public is asking for *ZEAL* CLINICAL THERMOMETERS because they are:-
GUARANTEED TO *STAY* ACCURATE
CONSISTENTLY ADVERTISED

- The preference of women for Southalls Sanitary Towels brings steady sales all the year round.
  - The "ORIGINAL" and most popular.
  - The "CELTEX" soluble; easily disposed of.
  - The "K." Made entirely of absorbent cotton wool, with very soft cover.
  - The "COMPRESSED." For Travelling. A very popular line.

SOUTHALL BROS. & BARCLAY LTD., BIRMINGHAM

SOUTHALLS
SANITARY TOWELS



The Ideal Chemist's Counter

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The
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This Supplement is Inserted in every copy of The Chemist & Druggist

28 ESSEX STREET, LONDON, W.C.2

OCTOBER 14, 1933

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2.—WEST LONDON (Good Class Suburb).—Light Family Retail Business with Kodak Agency. Good sale for own proprietaries. Established over 40 years. Returns last year approached £2,300. Good profits. Double-fronted main road shop, nicely fitted in mahogany and fully stocked. Nice House. Held on Lease. Price £1,550. Vendor retiring.

3.—GOLDERS GREEN.—Good Class Retail Business with Kodak Agency. Returns present rate £1,800 per annum. Increasing. Main road shop in very good position. Single fronted shop nicely fitted and stocked. Price £850 or offers entertained.

4.—WESTERN SUBURB.—Middle and Working Class Cash Business, situate in very good position. N.H.I. Dispensing. Increasing turnover, last year being £1,650. Accountants' figures. Attractive front and fixtures and good working stock. Comfortable living accommodation. Rent £95 per annum. Held on Lease. Price £1,050 or valuation terms entertained. Genuine reason for sale.

5.—EAST LONDON.—Middle and Working Class Cash Retail Business with large panel. Established about 80 years, and in present hands 20 years. Returns about £1,150 per annum. Scope for increase. Main road shop, nicely fitted and fully stocked. Living accommodation. Rent £52 per annum. Price £250 plus valuation of stock and fixtures. Vendor buying another business in Scotland.

6.—LONDON, S.E. (Middle Class Suburb).—Cash Retail Business with Kodak and Rexall Agencies. Returns under management £2,150 last year. Gross profit 37 per cent. Double fronted main road shop, nicely fitted and fully stocked. Held on Lease at reasonable rental. Price £350 plus stock and fixtures at valuation. Genuine reason for disposal.

7.—REGENT STREET (NEAR).—High Class Retail Business, established about 20 years. Returns about £60 per week. Excellent profits. Single fronted shop in main position. Mahogany fixtures and good class stock. Offers invited.

8.—DERBYSHIRE.—Middle Class Business occupying a very good position in main centre of busy town. Returns present rate £40 per week. Increasing. Net Profit about £550 per annum. Living accommodation available if required. Price asked £550 for lease and goodwill plus valuation of stock and fixtures. Vendor contemplates retirement.

9.—MIDDLE CLASS RETAIL AND DISPENSING BUSINESS.—Registered Photographic Dealer. Established over 40 years. Returns £1,150 last year. Increasing. Net profit £350. Single fronted shop, nicely fitted and amply stocked. Seven-roomed house at present sublet. Rent £40 per annum. Sublet 8s. 6d. per week. Price £550. In order to effect a quick transfer vendor is prepared to accept £250 down. Genuine reason for disposal.

10.—HANTS (DEATH VACANCY).—Business and property for disposal owing to tragic death of proprietor and his son. Country Business returning over £1,400 per annum. Net profit about £350. Excellent living accommodation. The Executors are anxious to effect an immediate sale and invite offers.

11.—MIDLAND CITY.—Middle Class Retail Business with Kodak Agency. Established about six years and run under management since inception. Returns for year ended March 31st, 1933, £1,457. Scope for increase if managed by proprietor. Double fronted shop in good market position. Oak fixtures. Large stock. Modern living accommodation. Price asked £2,150 to include property. Property worth £1,150. Stock and fixtures worth over £1,100.

12.—CHATHAM (WITHIN EASY DISTANCE OF).—Middle Class Prescribing Business with N.H.I. and Kodak Agency. Returns last year £1,324. Very good profits. Comfortable living accommodation. Rent £80 per annum. New Lease or property could be purchased. Price £750.

13.—LANCS. (POPULAR HEALTH RESORT).—Family Retail Business with Kodak Agency. Established about 5 years ago by Vendor. Returns last year £1,440. This year will exceed £1,500. Gross profit last year, £579. Double fronted shop, nicely fitted and stocked. Vendor owns premises, and will sell same or grant a lease at a reasonable rental. Good living accommodation. Price £950 or valuation terms entertained.

14.—CROYDON.—Good Class Family Retail Business. No Kodak Agency at present. Established 1860, and in present hands 31 years. Returns last year approached £1,000. Net profit last year £266. Tremendous scope for increase under younger and energetic management. Freehold property is for sale with the business or a lease would be granted if desired. The living accommodation is at present sublet at £2 15s. per week. Price of Business £800 or first reasonable offer. Vendor is very ill, and the business is at present being conducted by a locum.

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(C2) PADDINGTON (NEAR).—Quick counter business, old-established, situated on busy main road; turnover approximately £2,200 per annum; gross profit about £1,000; rent £150, including living accommodation; lease 15 years unexpired; price, all-in, £1,500.

(C3) LONDON, S.W.—Old-established cash business with good N.H.I. panel: present returns approximately £1,200 per annum (including N.H.I.); good scope for further increase; rent £90, including living accommodation; price £900 (open to offer).

(C4) DULWICH.—Cash business, at present returning £18–£20 weekly, with good scope for development under personal proprietorship; rent and rates about £80 per annum; price £400.

(C5) CAMDEN TOWN (NEAR).—Lock-up pharmacy situated in busy main shopping thoroughfare; present returns £25–£30 weekly, with plenty of scope for increase under personal proprietorship; price £500, including stock approximately £400; £250 down will purchase; balance over a period of two years.

(C6) CORNWALL.—Old-established family business, with flat above prominently situated in charming seaside town; turnover approximately £1,300 per annum, with usual percentage gross and net profit; owner moving on account of domestic circumstances; price, all-in, £550, or near offer.

(C7) YORKSHIRE (WEST RIDING).—Good retail and dispensing business with optical connection, prominently situated on busy main road; turnover for 1932–33 financial year upwards of £1,850; rent £70, which includes living accommodation; long lease; purchase price required—fixtures, lease and goodwill £600, plus stock at valuation.

(C8) BUCKS.—Country pharmacy, unopposed, with several sidelines in the way of stationery, tobacco, etc., situated within easy reach of London; turnover for 1932-33, £2,661, with net profit £515; rent £60, which includes adequate living accommodation; lease 20 years unexpired: good reasons for disposing; purchase price, all-in, £1,000.

(C9) SUFFOLK.—Seaside business, unopposed, with living accommodation; present returns approximately £1,150 per annum; rent £60; long lease; reasonable purchase price.

(C10) BLACKPOOL.—Good profit-earning business with small optical connection; present returns approximately £1,550 per annum; premises situated in busy main thoroughfare of good-class district; rent £130, including small house with garden; price £940, or on valuation terms.

(C11) MIDDLESEX.—Good middle-class business, with living accommodation, situated in pleasant and congenial district near to London; returns for last financial year approximately £2,600; net profit to owner-proprietor approximately £550; property can be purchased, or leased at a very reasonable rental; price to comprise approximately £650 for lease and goodwill, plus value of stock and fixtures.

(C12) WIMBLEDON (NEAR).—Attractive modern pharmacy, with living accommodation, including garage if required; present returns approximately £30 weekly, and steadily increasing; premises well situated in growing district, and scope exists for considerable further development; purchase price by negotiation.

(C13) SOMERSET.—Modern pharmacy, with living accommodation (optional), situated in busy shopping street of popular seaside resort; returns average approximately £20 weekly, and are showing steady increase; reasonable overheads; price £550 (open to offer); good reasons for disposing.

(C14) LANCASHIRE.—Old-established middle-class business, situated in prominent industrial town; present returns upwards of £2,000, with net profit £550; no near opposition; very reasonable purchase price, to include property; this proposition constitutes a sound, genuine concern, which is not declining, and is open to every investigation.

(C15) NORTH-EAST COAST.—Established retail business, with good optical department and full Wine Licence; turnover approximately £2,000 per annum, with net profit £500; large N.H.I.; property can be purchased, or lease will be considered at a rental of £104 per annum, which includes good living accommodation with garage; purchase price £975, or owner will negotiate on valuation terms if preferred.

(C16) MIDDLESEX.—Modern pharmacy, with living accommodation, situated in growing residential area; present returns £30–£35 weekly and rapidly increasing; for the 1933–34 year it is estimated that the turnover will reach a minimum of £2000; property can be purchased or leased at reasonable rental; further particulars upon application.

(C17) TYNESIDE.—Old-established pharmacy (lock-up), prominently situated, and offering exceptionally good scope for further development; present turnover approximately £1,250 per annum; rent £40; purchase price £750, representing less than the value of stock and fixtures, but proprietor is prepared to dispose at a sacrifice owing to other interests.

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4.—DERBYSHIRE.—Light Family Retail with N.H.I., in thickly populated district; no near opposition; returns last year £1,321; rent £52, on lease; corner shop, well stocked; owner ordered South; price £800 or £200 plus valuation.

5.—DORSET COAST.—Light Family Retail with Kodak Agency; turnover averages £1,750; audited books; well-fitted shop, with good house; no near opposition; price, including freehold, £2,600.

6.—KENT COAST.—Light Retail with good Photographic, in growing district; returns about £1,000; net profit £235; lock-up shop; rent £35; 15 years' lease; price for early sale £475.

7.—HERTS.—Good Middle-class Cash Retail; turnover exceeds £1,500, increasing; net profit £420; rent £60; modern Pharmacy, well stocked; books audited; price valuation, plus an agreed goodwill.

8.—LONDON, W.—Middle-class Cash Retail with excellent Panel and good Photo connection; returns approx. £2,200; gross profits over 45 per cent.; books audited; main-road position; rent £150; long lease; large house; price £1,500 or offer.

9.—LONDON, E.—Old-established Cash Retail, with good N.H.I.; returns over £1,150; net profit £344; main-road position; low rent; on lease; same hands 20 years; price £250, plus valuation of stock and fixtures.

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MIDLAND CITY.—Good-class Business, situated in nice residential suburb; well fitted and stocked; nice shop and very good modern house, with garden and garage; side entrance; rent £105; rates £36; good lease; returns for year ending September, 1933, are £1,800 under management; can be increased by energetic proprietor; stock £500, fixtures £300; price £1,300, or valuation terms; stock can be reduced; further details to bona fide enquirers furnishing bankers' references. 521/25, Office of this Paper.

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WANTED.—Drug Store, W. or N.W. London, low rental, returning £20-£30 per week; must be capable of increase under Qualified Chemist. 520/36, Office of this Paper.

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APPLICATIONS are invited from Pharmaceutical Chemists for the full-time post of Research Assistant to the Pharmacopœia Commission. The successful applicant will be required to assist in research work connected with the revision of the British Pharmacopœia under the direction of the Commission. Salary £300 per annum. Applications containing the usual particulars of age, training and experience should be accompanied by the names of three persons willing to give references and should reach the SECRETARY, PHARMACOPŒIA COMMISSION, 44 HALLAM STREET, LONDON, W1, not later than Tuesday, the 24th October, 1933.

AGENCIES.

BIO LABORATORIUM, PARIS, LIEGE, seeks active and serious Representative in England and Colonies for the sale of "Microbex" in tubes. Microbex is guaranteed antisepticum, prophylacticum and anticoncepticum. Write to Microbex, Box 1513, Dorlands, 14 Regent Street, London, S.W.1.

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A JUNIOR Assistant (male), Qualified or Unqualified, for good-class Dispensing Business in Surrey; good prospects; full particulars in first letter, age, height, experience and salary expected. 229/242, Office of this Paper.

BUCKS.—Wanted at once, Qualified Manager for small branch; give full particulars in first letter; interview required; applications not answered in 5 days respectfuly declined. 520/11, Office of this Paper.

LONDON.—Young Qualified Junior Assistant in middle-class West London Suburb for 6 weeks or 2 months for Retail, N.H.I. Dispensing and Photography; state age, height and salary required; indoors; photo if possible. 521/17, Office of this Paper.

MANCHESTER.—Qualified Assistant (male) accurate and neat Dispenser; good Counterman and Prescriber must be competent at Display work and able to carry out all duties in a Retail Pharmacy; state age, experience, salary required, height, &c. 520/19, Office of this Paper.

JUNIOR Assistant required; male (Apoth. Hall); Hospital experience and practical knowledge of preparation of Galenicals necessary. Applications, stating salary required, with references, to be sent to the Secretary-Superintendent, Addenbrooke's Hospital, Cambridge.

LADY Assistant wanted, principally for Counter; must be quick and first-class Saleswoman, preferably with knowledge of Dispensing. Apply to Manager after 10, Durbins, Chemists, 66 The Broadway, Ealing.

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LOCUM.—Qualified Chemist and Optician required on the 21st inst. or near date; possible permanency. Reply Linsley's, Ltd., 308 Earl's Court Road, S.W.5.

PART-TIME Qualified Assistant, lady or gent.; reliable and trustworthy; 3 days weekly; 40 miles from London; easy work; must be refined and used to good-class trade; send photo and full particulars. Jukes, Odiham, Hants.

QUALIFIED Assistant, with good Dispensing experience. Please give age, height, experience and salary required to C. W. Higgins, 47 Market Place, Salisbury.

QUALIFIED Lady required in good-class country Retail near Liverpool; state salary, &c.; unanswered applications declined. X./X., 520/8, Office of this Paper.

REQUIRED, for European House in the East, Junior Qualified Dispensing Chemist; must be single; 4 years' agreement; passage paid; very healthy climate. Write, giving full particulars of age, experience, &c., to Box 576, Leathwait & Simmons, 34 Throgmorton Street, E.C.2.

REQUIRED immediately, Junior Assistant; careful and accurate Dispenser essential; good Window-dresser and experienced in Photographic business. Usual particulars, including photograph (which will be returned), to A. Q. Barton, 14 Market Street, Cinderford, Glos.

SILBERBERG'S PHARMACY, LONDON, E.1.—Qualified Assistant wanted between 25 and 40 years of age; moderate salary; energetic; good Prescriber, Window-dresser; only conscientious, honest workers entertained. 'Phone East 5264 for appointment.

THURSDAY and Sunday Evenings, 6-8 p.m. approx., Chemist wanted for Dispensing and Light Retail. Reply by *letter only* to Hughes & Co., 48 Fulham Road, S.W.3, stating experience and salary required.

UNQUALIFIED Junior, male, required at once for high-class business in quiet Sussex town; must be of good education and address; applicants must give experience, salary required, recent photo and enclose stamped addressed envelope for reply. 518/37, Office of this Paper.

UNQUALIFIED Junior (19-21) required in October, gentlemanly and of good appearance and training, and with sound references; please state full particulars, with photo. Lester, 1 Station Road West, Canterbury.

WANTED.—Qualified Lady, Pharmacy trained, for a small, good-class seaside business; energetic and keen in business; reply, stating salary required, giving references and age, photo. 511/24, Office of this Paper.

YOUNG Lady Assistant for Drug and Fancy Goods, with a knowledge of Dispensing. Apply by letter, full particulars, to Bewells', Ltd., 19/21 Pitfield Street, N.1.

YOUNG Qualified, immediately, high-class Dispensing business; good Window and Counter-dresser; send references, photo, age and state salary. Hutton & Barrett, Ltd., 42 Parade, Leamington Spa.

WHOLESALE.

BENGUÉ & CO., LTD., Manufacturing Chemists, 24 Fitzroy Street, London, W.1, invite applications for positions on their staff of Medical Propagandists; vacancies London and Provinces. Apply by letter only, stating age, qualifications, previous experience and salary required.

FACTORY Superintendent (Male) required by firm manufacturing and packing Pharmaceutical and Toilet Specialities in North London; applicant must be strict disciplinarian, with previous experience in similar work, and able to assume complete responsibility of factory. State age, full particulars, experience and salary required to Box 349, c/o C. Mitchell & Co., 1 Snow Hill, E.C.1.

LAD (18-22) for Steam Pan, Hydro, &c., in Chemical Works, Wembley. Particulars of age and experience to 518/8, Office of this Paper.

PROVINCIAL Wholesale House has Vacancy for Chemist, to supervise Wet and Dry Counters; must be methodical and capable of controlling staff; replies should give full detail of past and present experience, salary, required, &c. 229/240, Office of this Paper.

"RED BAND" CHEMICAL CO. require a Representative for South England; commission basis; must have good connection. Apply Richmond Terrace, Edinburgh.

REPRESENTATIVES, for England, Scotland and Northern Ireland, to sell Dansil Silver Plating Polish, preferably with an established connection amongst Wholesalers. H. Hollingworth, 1 Chatham Street, Leicester.

REPRESENTATIVES required by old-established Wholesale Druggists; to call upon Doctors, Chemists, Hospitals and Veterinary Surgeons; only those having a live connection and own car need apply; salary, expenses and commission; state age, experience and yearly turnover. P.C.B. 93/36 Office of this Paper.

REQUIRED immediately in Midland Town, Supervisor (Lady) for Packing Department of proprietary food (carton); essentials, thorough experience, firm disciplinarian, accuracy in simple figures, ability carry out instructions and instruct others; age 35/45; good wages to suitable person. Send in strictest confidence full particulars past experience, age, wages asked, &c., to Managing Director, 229/243, Office of this Paper.

WANTED.—Chemist, one with practical experience only need apply of Manufacturing Face Creams and Toilet Preparations and take charge. 229/239, Office of this Paper.

WANTED, Representatives good connections Chemists, Stores; handle additional sixpenny Medical Line; outstanding value and appeal; product in demand and carries excellent commission; fidelity or good references essential. Write full particulars and territory covered, Box " H. B.," 43 Portsdown Road, London, W.9.

SITUATIONS WANTED.

RETAIL (HOME).

2s. for 18 words or less ; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

A.A.A.A.—QUALIFIED (28), Scot, desires position as Manager or Assistant; London; experienced Manager and Buyer; available immediately. McElroy, 2A Stonor Road, W.14. Telephone: Fulham 1422.

A.A.A.A.—(34) Qualified, single, tall, abstainer; reliable, energetic and courteous; disengaged; 15 years' experience in all branches of Pharmacy; Manager last position over 5 years; excellent references. 63 Cannon Hill Lane, Merton Park, S.W.20.

A.A.A.—ASSISTANT, senior; West End; spa experience; tall; keen Counter, Photographics, Prescribing, Dispensing. MacLellan, Wotton-under-Edge.

A.A.A.—QUALIFIED Man (25), tall, desires position as Manager or Assistant; first-class Dispensing and Retail experience provincial and seaside; disengaged end of month. 521/8, Office of this Paper.

A.A.A.—QUALIFIED (25), conscientious and reliable; first-class experience; desires position as Manager. 520/39, Office of this Paper.

A.—QUALIFIED Chemist-Optician (25); free until October 30; Locumcy or evening work; Retail, Hospital. R. Jones, 25 Hungerford Road, London, N.7.

A QUALIFIED Chemist, with good experience in high-class pharmacy work, desires an appointment as locum or progressive permanent position; Northern Counties preferred. 521/04, Office of this Paper.

A CAPABLE, trustworthy, experienced Qualified Assistant, lady, requires position; quick, clean and accurate Dispenser. 519/36, Office of this Paper.

A CHEMIST, M.P.S., age 28 years, 5 ft. 10 in., married, seeks post as Manager or Senior Assistant; 6 years manager last situation; competent Dispenser and Salesman; good Photographic knowledge. P.C.B. 93/4, Office of this Paper.

A KEEN Qualified Man (30), married, requires good progressive post; experienced Salesman and Window-dresser; full responsibility; present berth 4 years, managing; excellent references. 520/13, Office of this Paper.

A QUALIFIED Chemist (26) desires permanent, progressive situation; excellent experience and references; salary £4-5 weekly. 521/12, Office of this Paper.

A QUALIFIED Manager, over 20 years' experience, requires position London or Suburbs. Davies, 109 Alexandra Drive, Surbiton, Surrey.

A SQUARE-TRAINED M.P.S. (26) seeks post with responsibility; competent Dispenser, Salesman and Window-dresser; excellent all-round experience in Monmouthshire and in various London districts; interview. Morgan, 62 Marylands Road, Maida Vale, W.9. Abercorn 3666.

A TRUSTWORTHY experienced Assistant (44); small income; would do days or week-ends; City or West Middlesex; moderate terms. 520/35, Office of this Paper.

AN M.P.S. (20), married, requires position as Manager or Senior; last post Manager; free now; London preferred, not essential. Marshall, 79 Cedar Lawn Avenue, High Barnet.

AN Unqualified (21), Part I.; energetic; good-class Prescribing and Counter experience; desires change; London or Southend. P.C.B. 517/18, Office of this Paper.

AS Manager or Assistant, Qualified (30); now free; prepared to invest in suitable business. 520/30, Office of this Paper.

ACTIVE, capable, experienced Dispenser, Counterman, Window-dresser; well recommended; London preferred; disengaged. " Unqualified," 51 Norlington Road, Leytonstone, E.11.

" ADAPTABLE " requires permanency (24); Qualified; 8 years' experience (including managing); capable Dispenser, efficient Salesman and Window-dresser; Photography; " Square "-trained; highly recommended; free shortly. 8 Addington Street, Margate.

ASSISTANT Lady Dispenser desires post (Hall); thoroughly experienced all branches of the work; Brighton or near. 8 Prestonville Road, Brighton.

ASSISTANT, Lady, Unqualified, requires part-time work, London or district; experienced Dispenser, Counterhand, &c. 519/4, Office of this Paper.

ASSISTANT, Lady, Unqualified, requires berth; over 10 years' all-round experience; excellent references. " N.," 4 Disraeli Road, Putney, S.W.15.

ASSISTANT, or manage; excellent all-round experience; conscientious and capable in all branches; " not registered "; at liberty any time. Hopcraft, Blacknell, Crewkerne.

ASSISTANT, Unqualified; 12 years' good experience; Dispensing, Counter, Photographic (and D. & P.), Window-dressing; disengaged. 52 Warwick Road, Ashford, Middlesex.

ASSISTANT, Unqualified (age 24), tall, full or part-time situation; 8 years' good Dispensing experience in Lancashire, Midlands and London suburb; studied for C. & D. last year; excellent references; available immediately. " W. P.," 24 Windsor Avenue, Hillingdon.

ASSISTANT (33), Unqualified, lady, desires post near London; capable Dispenser, Counterhand, Book- and Stock-keeper. 521/13, Office of this Paper.

ASSISTANT (30), Unqualified; good Dispensing and Counter experience; 10 years' reference. Elliott, 15 Belmont Park, Lewisham, S.E.13.

ASSISTANT (27), Unqualified; 6 years' all-round experience; desires post, Retail or Wholesale; excellent references. Robinson, c/o T. G. Jones, Chemist, Brampton, Cumberland.

ASSISTANT (24), Unqualified; West End, seaside, City; N.H.I., accurate Dispenser, good Window-dresser; London. " C.," 44 Turneville Road, W.14.

ASSISTANT (21), tall, referred Part II (Sept.), requires situation and experience; trained Bristol Royal Infirmary; experienced Manufacturing, some Retail and N.H.I. Radford, 46 Summerhill Road, Bristol, 5.

ASSISTANT (20), Unqualified, registered, requires situation Coventry district; experienced in Dispensing and Salesmanship. Nona Roberts, Cheshire House, Hinckley Road, Nuneaton.

ASSISTANT (26), tall, Unqualified; 9 years' experience Dispensing, Counter, Window-dressing; desires post, permanency preferred; disengaged October 21. Paget, " Elimore," Kirby Cross, Nr. Clacton, Essex.

ASSISTANT (20), Unqualified; 4 years' Counter, N.H.I., Display, Photo, keen Salesman; free now; Midlands preferred, not essential. Knowles, 21 Carlton Terrace, Leek, Staffs.

BELGIAN Pharmacist requires situation; England or Continent; most fluent English, French, Italian, German, Dutch; excellent references; cosmopolitan experience; active, accurate Dispenser. Théo Maenhout, Somerghem, Belgium.

BRIGHTON District.—Pharmacist (40) desires part-time work, particularly Friday and Saturday. " Chemicus," 70 Marmion Road, Hove.

CHEMIST, just Qualified, requires locum work or permanency; Wholesale and Retail experience. Pilgrim, 34 Willoughby Crescent, Leeds, 11.

NAMES AND ADDRESSES.

When sending advertisements for any of the sections in this Supplement, advertisers—as a guarantee of good faith and not necessarily for publication—should always give their names and addresses. It sometimes occurs that this rule is not followed and delay and disappointment ensue. Strict attention to this detail will be appreciated.

CHEMIST (25), Qualified, Scot, tall, desires progressive post as Manager or Assistant; well recommended; London preferred. 520/10, Office of this Paper.

DISPENSER-BOOKKEEPER (22), Lady, Hall certificate, experienced, seeks employment. "Dispenser," 8 Kenilworth Gardens, Westcliff, Essex.

DISPENSER, Lady, Hall, desires part-time work, Doctor, Institution or Chemist, mornings or evenings; Book-keeping, Accounts; N.W. London; good testimonials. 509/16, Office of this Paper.

EVENING engagement wanted, within easy access of Herne Hill; Qualified; elderly; active. S., 49 Guhyon Avenue, S.E.24.

EVENING Work required by Qualified Chemist; aged 23. A. Noble, M.P.S., 92 Queen's Road, Finshury Park,

EXPERIENCED Lady Dispeuser (Hall) desires post, part-time preferred, Doctor, Hospital or Chemist, London. Vicarage, 400 Commercial Road, East.

EXPERIENCED, Qualified Manager or Senior; married. G. Williams, M.P.S., 5 Bexhill Road, East Sheen, S.W.14.

FREE OCTOBER 23.—Young Lady requires responsible post, preferably in small or privately-owned pharmacy; excellent at Window-dressing and all Display work; tactful and capable Saleswoman, experienced Toilet, Photographic and General Counter trade, Book-keeping, Stock-keeping; splendid testimonials; salary £2; Midlands preferred, but would accept other districts. Nowlan, 36 Glyde Path Road, Dorchester, Dorset.

FULLY Competent Assistant (duly articled and well-trained Unqualified) desires permanency in good-class business or as right-hand man to principal; disengaged, but can wait for good opening; best record and references. "Surgical," 51 George Road, New Malden, Surrey.

JUNIOR Assistant, Unqualified (21); capable Dispenser and Counterman; free in oue month. 521/10, Office of this Paper.

JUNIOR, Unqualified (20), seeks situation anywhere; 4 years' experience Dispensing, Counter, Windows, Photography. 521/11, Office of this Paper.

LADY M.P.S. (26) requires full or part-time post in London; can start immediately; excellent references. 520/12, Office of this Paper.

LADY, Qualified, requires post, Locum or part-time; excellent experieuce and references; free now. Chemist, 5 Randolph Gardens, N.W.6.

LADY (25), Qualified, tall, desires post London; excellent references; careful Dispenser; disengaged. M.P.S., The Elms, Horsell Park, Woking.

LADY, Qualified, requires post; ten years' London experience; knowledge of Continental Pharmacy and Dispensing, and shop management. Chemist, 10 Temple Fortuue House, N.W.11.

LOCUM; disengaged; town or country; any period; moderate terms. Locum, 56 Rudloe Road, Clapham Park, S.W.12.

LOCUM, M.P.S., elderly; good references; moderate terms; disengaged. J. S. Wellburu, c/o Mrs. Brock, 10 Leyland Road, Lee, S.E.12.

LOCUM or Permanency; Qualified, reliable and trustworthy; teetotaler; 15 years' West End experience; good Salesman; quick and accurate Dispenser; disengaged. Elliott, 477 North Circular Road, Cricklewood, N.W.2.

LOCUM (46), temporary, etc.; all-round experience; West-End reference; Unqualified. Little, 176 High Street, Hounslow.

LONDON or Suburbs, Manager, Qualified; 22 years' experience here and abroad; keen; reliable. Chemist, 1 Selwood Road, Hook, Surbiton.

MANAGER, Qualified; married; middle-aged; part-time considered. J. M., 29 Cantley Road, W.7.

MANAGER, Qualified (32), single, over four years' experience, capahle, conscientious, good appearance and address, Photographic, &c., seeks post in four to six weeks' time. 519/37, Office of this Paper.

M.P.S. F.B.O.A., J.C.Q.O. (24), experienced Refractionist and Fitter; permaneucy or locum; South or West Country; free October 21. 519/12, Office of this Paper.

M.P.S. F.S.M.C., J.C.Q.O. (32), tall, requires post as Manager; long experience London and suburbs; excellent references. 520/9, Office of this Paper.

M.P.S. F.S.M.C., young, excellent Pharmaceutical training and experience, seeks post with view to increasing Optical experience; Lancs preferred. 520/5, Office of this Paper.

M.P.S. (36); matriculated; married; seeks permanency, London; 5½ years' management last position; experienced; trustworthy; good personality; free Octoher 23. Girgis, 213 North End Road, West Kensington, W.14.

M.P.S. (21), experienced all hranches, with 2 years' Harrogate experience, desires permanency; capable of taking charge; excellent references. "M.P.S.," 50 Westover Road, Bramley, Leeds.

M.P.S. (31), married; exceptional experience in first-class Dispensing, capable Window-dresser and Counterman; seeks permanency; highest references. 520/29, Office of this Paper.

PART-TIME Lady requires position; City, West End, Suburhan experience. P.C.B. 93/29, Office of this Paper.

PART-TIME or otherwise, quick, capable worker with excellent references, Unqualified. A., 241 Seven Sisters Road, N.4.

PHARMACIST (22); keen, energetic; desires permanency; good Dispenser, Counterman, Window-dresser; Photographic knowledge; can commence immediately. D. Myers, 40 Ninian Park Road, Riverside, Cardiff.

PH.C. (24) desires post; Laboratory or Hospital preferred, but not essential; excellent references; diseugaged. 519/2, Office of this Paper.

QUALIFIED Assistant, young and iudustrious, desires position Assistant or Manager in country town; best Provincial and 2 years' Loudon experience; fair knowledge of Agricultural and Veterinary business; salary not less than £4; in no hurry. 521/02, Office of this Paper.

QUALIFIED Assistant (24), Lady; free, now in London; experienced Insurance, Private Dispensing and Counter; available for interview. 520/24, Office of this Paper.

QUALIFIED Lady (24), Square-trained, experienced Dispensing and Counter, desires post anywhere, London or South preferred; highly recommended; disengaged. 519/3, Office of this Paper.

QUALIFIED M.P.S. (52); active; desires situation, not London; salary £3 10s. per week; tall; single; disengaged. Statim, 520/20, Office of this Paper.

QUALIFIED, quick, accurate Dispenser; excellent testimonials; middle-aged; reliable; diseugaged; Loudon only. Alex. Wilson, 14 Percy Circus, London, W.C.1.

QUALIFIED Young Lady (24) requires post; Manchester area preferred; excellent refcrences; good appearance; quick and accurate Dispenser. 513/35, Office of this Paper.

QUALIFIED (24) desires a position in a good-class pharmacy; Public School education and excellent references. 521/4, Office of this Paper.

QUALIFIED (35), as Locum, Manager or Assistant; disengaged. Chemist, 50 Grove Lane, Camberwell, S.E.5. 'Phone: Rodney 2719.

QUALIFIED (22) seeks position Dispensing Counter, &c.; good reference; Sheffield district preferred. W. H. Toplis, 48 Tavistock Road, Sheffield, 7.

QUALIFIED (24); experience with good-class business; also industrial and seaside areas; Window-dressing, Photographics, &c. G. Baxendell, 34 Romilly Road, Barry.

QUALIFIED (30); well educated, tall, good appearance; West-End and Provincial experience; disengaged; seeks situation, home or abroad. 517/19, Office of this Paper.

QUALIFIED (35), with personality; good appearance; excellent references; proved business builder; good Window-dresser; all branches, including Prescribing, Photographic, Optics; West End experience. W., 128 Cavendish Road, S.W.12.

QUALIFIED (21), chemist's son, desires further experience; tall, public school education; college medallist. Edwards, Chemist, Midsomer Norton, Bath.

QUALIFIED (27), Scot, tall, healthy, good appearance; managiug experience; accustomed high-class business, Scotland, North England and London. 521/30, Office of this Paper.

SOUTH WALES OR LONDON.—Qualified (28), now managing, requires situation enabling him to proceed with Optical Training; 10 years' all-round experience; view to succession consideration or partnership later. 521/32, Office of this Paper.

SURGICAL Assistant, excelleut experience Trusses, Belts, Instruments; diseugaged. Smith, 48 Altcuburg Gardens, Clapham, S.W.11.

UNQUALIFIED Lady Assistant; Counter and Dispensing; locum or permanency. Swan, Ashley House, 14 Endsleigh Gardens, W.C.1.

UNQUALIFIED Lady; 5 years' experience; Dispensing, Book-keeping. Miss Holloway, c/o Rees, Chemist, 152 Mile End Road, E.1. East 5492.

UNQUALIFIED (male, 23), tall; Retail, Dispensing or Manufacturing; all sections; five years' sound experience with leading firm; excellent references; Sheffield or twenty miles radius preferred. 519/33, Office of this Paper.

WORTHING DISTRICT, BRIGHTON OR CROYDON.—Experienced Minor (Lady); locum, part time; excellent references; Retail, Hospital or Doctor's Dispensing; used to management. D. Briggs, 22 Wellesley Road, East Croydon.

YOUNG Lady Assistant, Unqualified; experienced Dispenser, Window-dresser, Counter; full particulars on application. Miss Ford, 138 Wath Road, Mexboro, Yorks.

WHOLESALE.

ENERGETIC Young Man, residing in Manchester, requires one or two additional lines; would represent manufacturers on commission and expenses; has had extensive retail and travelling experience. 520/32, Office of this Paper.

GOOD Agencies wanted by first-class Salesman on commission basis; 10 years' connection Chemists, &c., in Yorkshire; own car. 519/5, Office of this Paper.

MEDICAL PROPAGANDIST.—Young Qualified Pharmacist, experienced, desires join first-class house; well educated, good appearance, requisite personality; knowledge Therapeutics. 519/32, Office of this Paper.

PH.C. (24); high-class Provincial and London Retail experience, some Therapeutics; confident; competent; wishes to represent a firm marketing Fine Chemicals, Drugs or Medical Products; own car; Eastern Counties preferred. 521/2, Office of this Paper.

MEDICAL Representative, long and successful experience in propaganda work, desires to represent an important Manufacturing concern with high-grade specialities; thorough knowledge of business and highest connections in London and the South. P.C.B. 94/5, Office of this Paper.

REPRESENTATIVE post sought with reputable firm by young Qualified Chemist; tall, smart; with 15 years' retail experience; good references; preferably Northern England or Scotland. 520/33, Office of this Paper.

TINCTURE Maker, Wet and Dry Counter, Export Packer; disengaged; 20 years' experience. Canning, 171 Boundary Road, Leyton, E.17.

TRAVELLER, Manchester and District, wants attractive Christmas Toilet Packs, for Drapers, Hairdressers, &c., on commission basis; prices must be reasonable. S. V. Taylor, 77 Brideoak Street, Manchester, 8.

YOUTH (21) desires post with Proprietary, Wholesale or Drug House; any post with prospects; previous experience Retail. 519/38, Office of this Paper.

FOR SALE.

CASH Register, "National," with all latest features; used only 18 months; a real bargain. Write R. Smith, 22 Brewery Road, Plumstead, S.E.18.

FIVE Fine Old Pear-shape Carboys; cheap price for immediate disposal; can be sold separately if desired; what offers? J. Wearing, The Central Pharmacy, Woking, Surrey.

MISCELLANEOUS.

A "BEST Fitted and Equipped" Pharmacy pulls trade; new and second-hand fittings and showcases of all kinds and sizes. Write enquiries to or call at PHILIP JOSEPHS & SONS, LTD., Shopfitters, 90/92 St. John Street, London, E.C.1.

CHEMISTS' FITTINGS.—We hold an immense stock of Drug Fittings, Dispensing Screens, Glass Fronted Counters, Perfumery Cases, Nests of Drawers, Wall Cases, Silent Salesmen, Upright and Flat Counter Cases, Plate-Glass Counters, Cash Tills, Display Stands and Glass Shelves, &c., ready for immediate delivery at competitive prices. Write or call for List. F. MAUND & E. BERG (SHOWCASES), LTD., 175/9 and 336 Old Street, London, E.C.1.

FOR SALE.—Jacketed Copper Boiling Pan with tipping action, tested; also Johnson Filter Press with plates, 15 in. diam. 229/230, Office of this Paper.

FOR SALE.—Laboratory Size Disintegrator on Stand, in really good working order. 229/231, Office of this Paper.

FOR SALE.—Small Breaking or Kibbling Mill with rolls 5 x 5 in., and Edge Runner Mill. 229/232, Office of this Paper.

FOR SALE.—Small Plastic Mixer and 6 x 12 in. Triple Roller Mill with granite rolls. 229/228, Office of this Paper.

FOR SALE.—Two Steam Jacketed Copper Boiling Pans, in excellent condition and recently tested. 229/227, Office of this Paper.

FOR SALE.—"U"-shaped Drying and Mixing Machine, central discharge. 229/229, Office of this Paper.

CLEAR OUT—your Old or Damaged Stock of Photo Goods. *Why keep them any longer? Turn them into CASH.* **I GIVE BEST PRICES** for Old Films (damaged, fogged or expired dates); Packet Papers. Cards (any sizes). Old Photo Goods or Cameras. Bromide Papers. Plates (all sizes, all makes). Send any goods in the photo line. I buy all, good or bad. Cash per return. A good price for all Cameras. Send them along.
S. E. HACKETT, 23 July Road, Liverpool

LIMITED COMPANIES REGISTERED.—I have now been engaged in this work over 20 years, so you may rely that my experience in Chemist and other Companies (I take all trades) is hard to beat. Most reasonable and inclusive Fee. Advice free. A. B. SLACK, 721 Princess Road, West Didsbury, Manchester.

SHOPFITTINGS and Fixtures. King's can equip a Pharmacy with a complete range of modern fixtures in oak or mahogany from £75; we would welcome a visit to our showrooms; now ready, new catalogue No. C.D. 1013, post free on application. J. C. KING, LTD., 42-60 Goswell Road, London, E.C.1.

WANTED.—Combined Sifter and Mixer 60-100 lbs. holding capacity. Lowest price and full particulars to 228/226, Office of this Paper.

WANTED.—Half-ton size Gardner "Rapid" Mixer, must be in good condition and low in price. 228/225, Office of this Paper.

WANTED.—Sifter and Mixer for Dry Powders, with pulleys for power; give particulars and lowest price. 228/224, Office of this Paper.

£9—COMPLETE CHEMIST FITTINGS at any price you wish to pay. We have erected in our showroom a Complete Chemist Shop with Metal Shop Front, Window Backs, Correct Window Lighting Signs and Modern Interior Fittings. Apply for Lists. D. MATTHEWS & SON, LTD., "The Liverpool Shop Fitters," 14 and 16 Manchester Street, Liverpool. Est. 1848.

EXCHANGE COLUMN.

FOR DISPOSAL.

50 WHITE stoppered Shop Rounds N.M., 40 oz., sound condition, any quantity, 1s. each; carriage forward; 87 Upper Brockley Road, S.E.4.

WANTED.

CASH Register wanted. Send details and price to P.C.B. 93/28, Office of this Paper.

PORTABLE Optical Trial Case Wanted, suitable for Student. B., 23 College Avenue, Maidenhead.

WANTED.—Shop Rounds and Sundries for new branch; state condition and price; Kent. 520/15, Office of this Paper.

THE SUPPLY OF SUPPLEMENTS

On receipt of addressed Post Office Wrappers (not more than six at a time) stamped 1d. the Chemist and Druggist Supplement will be forwarded without cost.

LOOSE STAMPS WILL NOT BE ACCEPTED

If wrappers bear a halfpenny stamp only, postal delivery may be delayed.

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